An Annotated Bibliography of Literature on the Spotted Owl

Land Management
Report NUMBER 24

ISSN [illegible]

November 1984

Province of
British Columbia
Ministry of
Forests

85-4946/

An Annotated Bibliography of Literature on the Spotted Owl

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85-49

Canadian Cataloguing in Publication Data

Campbell, R. Wayne (Robert Wayne), 1942-
An annotated bibliography of literature on the spotted owl

(Land management report, ISSN 0702-9861 ; no. 24)

Includes index.
ISBN 0-7718-8454-0

1. Spotted owl - Bibliography. I. Forsman, Eric D.
II. Van der Raay, Brigitta M. III. British Columbia.
Ministry of Forests. IV. Title. V. Series.

Z5333.097C35 1984 016.598'97 C84-092282-5

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Published by the
Information Services Branch
Ministry of Forests
Parliament Buildings
Victoria, B.C.
V8W 3E7

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"Dedicated to J. Stokely Ligon,
Joe T. Marshall, Jr., and Gordon D. Alcorn
whose writings piqued our interest
and spurred us on"

INTRODUCTION

The Spotted Owl (Strix occidentalis) was first described by John Xantus, who collected a specimen near Fort Tejon, California in 1859. During the next 15 years the species remained relatively unknown, primarily because of its nocturnal habits and its preference for dense forests in remote, mountainous areas. In the early 1970's, pioneering studies on the Spotted Owl were initiated in Oregon and California. During the decade which followed, this species became the most intensively studied owl on the continent. In fact, over one-third (39%) of all literature citations in this bibliography, which covers a 122-year period from 1859 through 1983, are for the eight-year period between 1967 and 1983.

Results from this research have created a concern for the future of the Spotted Owl in North America. These concerns include:

1. The owl's presumed incompatibility with intensive forest management practices which directly, and indirectly may affect its living space, prey base, and reproductive capacity.

2. The possible threat posed by the invasion of the Barred Owl (Strix varia) into the range of the Spotted Owl.

There is, then, considerable demand for information on the Spotted Owl. Our purpose in compiling the present bibliography is to assemble a listing of the literature pertaining to the Spotted Owl, thereby facilitating further studies on the ecology and management of the species.

CONTENTS

This bibliography is the combined results of three bibliographies, all of which started independently by the compilers, and brought together as a single publication. It includes 586 citations and is current through 1983. Rarely

SPOTTED OWL

(Strix occidentalis)

did we evaluate the importance or significance of a particular reference for inclusion in the bibliography since people with varying interests may refer to the publication for different reasons. Citations that we consider of particular importance, are annotated. Any editorial comments regarding the presumed accuracy of the citation are enclosed in parentheses. We have included general references (i.e. handbooks, field guides and checklists) as well as records of breeding and occurrence from Audubon Field Notes/American Birds. The latter helps document historical information for various parts of the owl's range. We also have searched and inluded unpublished government reports (federal, states and provincial) concerning research and management of Spotted Owls. Most references, howver, are from scientific journals.

FORMAT

Each citation is listed alphabetically, by author, following the order suggested by the Council of Biological Editors Style Manual (Third Edition). That is, single authors first, followed by multiple authors, irrespective of the year the article was published.

The subject matter of each citation is identified by one or more of 39 broad subject categories. These are listed (see page 107) preceeding the Subject/Geographic Index. In addition, six subject categories (i.e. American Birds/Audubon Field Notes, Checklists, Distribution (Specific Location), Foods, Habitat and Sightings) include geographic subdivisions by state and province.

All citations are listed in the fullest form possible, since many unpublished references listed will not be available in major libraries and therefore investigators will have to contact various agencies for materials they require. Finally, for ease of reading, the title of each citation has been typed in upper-case letters and the source has been underlined.

ACKNOWLEDGEMENTS

For assistance in obtaining hard-to-find references, we thank Gordon Gould, Rocky Gutiérrez, Michael Morrison, Richard Reynolds, David Solis, and Lora Leschner, librarians at the University of British Columbia, University of Washington, University of Victoria and Grand Canyon National Park, and especially Richard R. Olendorff, co-ordinator of the Raptor Management Information System in Sacramento, California.

Eileen C. Campbell assisted with literature compilations and cross-referencing. Erica Bates and Cheryl Ward typed the manuscript. Briqitta M. Van Der Raay provided the illustration of the Spotted Owl used in the frontispiece. The manuscript was reviewed by Robert Anderson, Weyerhaeuser Company, Tacoma, and Leonard F. Ruggiero, Pacific Northwest Forest and Range Experiment Station, Olympia.

Support for compilation and typing was provided by the British Columbia Ministry of Forests, Research Branch, Victoria, United States Department of the Interior, Fish and Wildlife Service Office of Biological Services, Washington, D.C., and the British Columbia Provincial Museum, Victoria.

BIBLIOGRAPHY

1. Abbot, Clinton G. 1930. CALIFORNIA SPOTTED OWL IN SAN DIEGO COUNTY, CALIFORNIA. Condor 32:121.

Reported a Spotted Owl collected on Mount Palomar, California in 1929.

2. Airola, D.A. 1980. HABITAT MANAGEMENT FOR SPOTTED OWL AND GOSHAWK. Unpublished Report, United States Forest Service Lassen National Forest, Susanville, California. 5 pages.

The author mentioned that Spotted Owls required old-growth forests and that this shrinking habitat should be considered in management plans.

3. Alcorn, Gordon D. 1947. FURTHER RECORDS OF THE SPOTTED OWL IN WASHINGTON. Condor 49:132.

Reported several specimens taken and sightings made in western Washington.

4. Alcorn, Gordon D. 1971. CHECKLIST - BIRDS OF THE STATE OF WASHINGTON. University of Puget Sound Occasional Papers Department of Biology No. 41, Tacoma.

Listed the Spotted Owl as a rare resident in western Washington.

5. Alcorn, Gordon D. 1971. KEY TO NEST AND EGGS OF THE BIRDS OF THE STATE OF WASHINGTON. University of Puget Sound Occasional Papers Department of Biology No. 42. Tacoma.

Summarized the distribution and described the nest and eggs of the Spotted Owl in Washington.

6. Alcorn, Gordon D. 1978. NORTHWEST BIRDS: DISTRIBUTION AND EGGS. Western Media Printing Publishers, Inc., Tacoma.

Described the distribution, habitat, nests, and eggs of the Spotted Owl.

7. Alcorn, Gordon D. 1982. SILENT WINGS. Ye Galleon Press, Fairfield, Washington. 82 pages.

Presented general account of the life history of the Spotted Owl in Washington. The author provided a biographic sketch of Xantus, who first described the Spotted Owl, and listed chipmunks as a food source and mentioned personal experiences while searching for this rare owl.

8. Allen, G.T. 1979. ASSESSMENT OF POTENTIAL CONFLICTS BETWEEN NESTING RAPTORS AND HUMAN ACTIVITIES IN THE LONG PINES AREA OF SOUTHEASTERN MONTANA - WITH SPECIAL EMPHASIS ON URANIAN DEVELOPMENT. M.S. Thesis, Washington State University, Pullman. 109 pages.

9. American Ornithologists' Union. 1886. THE CODE OF NOMENCLATURE AND CHECK-LIST OF NORTH AMERICAN BIRDS. American Ornithologists' Union, New York. 392 pages.

Listed the Spotted Owl as Syrnium occidentale Xantus. The range included southwestern United States (New Mexico, Arizona and California), and Lower California and Mexico.

10. American Ornithologists' Union. 1895. CHECK-LIST OF NORTH AMERICAN BIRDS (SECOND EDITION). American Ornithologists' Union, New York. 372 pages.

Species' name remained Syrnium occidentale Xantus and southern Colorado was added to the range of Spotted Owl.

11. American Ornithologists' Union. 1899. NINTH SUPPLEMENT TO THE AMERICAN ORNITHOLOGISTS' UNION CHECK-LIST OF NORTH AMERICAN BIRDS. Auk 16(1):97-133.

Listed subspecies Syrnium occidentale caurinum Merriam with common name, Northern Spotted Owl, and included coast region of Washington and British Columbia in geographic distribution.

12. American Ornithologists' Union. 1910. CHECK-LIST OF NORTH AMERICAN BIRDS. Third Edition. New York, New York. 431 pages.

Recognized two subspecies of the Spotted Owl; Strix occidentalis occidentalis (Xantus) whose range included central southwestern United States and Strix occidentalis caurina (Merriam) whose range included coastal western North America from British Columbia to Point Reyes (California).

13. American Ornithologists' Union. 1923. EIGHTEENTH SUPPLEMENT TO THE AMERICAN ORNITHOLOGISTS' UNION CHECK-LIST OF NORTH AMERICAN BIRDS. Auk 40:513-525.

Proposed that Strix occidentalis caurina be combined with Strix occidentalis occidentalis. Rejected Strix occidentalis huachucae (Swarth) as being identical with Strix occidentalis lucida (Nelson).

14. American Ornithologists' Union. 1931. CHECK-LIST OF NORTH AMERICAN BIRDS. Fourth Edition. Lancaster, Pennsylvania. 526 pages.

Recognized three subspecies of the Spotted Owl, Strix occidentalis occidentalis (California Spotted Owl), S. o. caurina (Northern Spotted Owl), S. o. lucida (Mexican Spotted Owl).

15. American Ornithologists' Union. 1957. CHECK-LIST OF NORTH AMERICAN BIRDS. Fifth Edition. Lord Baltimore Press, Maryland. 691 pages.

Recognized three subspecies of the Spotted Owl, Strix occidentalis occidentalis, Strix occidentalis caurina, and Strix occidentalis lucida.

16. American Ornithologists' Union. 1975. REPORT OF THE AMERICAN ORNITHOLOGISTS' UNION COMMITTEE ON CONSERVATION, 1974-75. Auk (Supplement) 02(4):1B-16B.

The Committee listed the Northern Spotted Owl (Strix occidentalis caurina) as a subspecies of national significance in North America. They suggested it was a candidate for listing under the Endangered Species Act, especially if no plan for its preservation (protecting mature forests) emerged.

17. American Ornithologists' Union. 1983. CHECK-LIST OF NORTH AMERICAN BIRDS (SIXTH EDITION). Allen Press, Inc., Lawrence, Kansas. 877 pp.

Listed habitat (dense forest, both coniferous and hardwood) and current distribution for the Spotted Owl in North America. Mentioned some authors who consider Strix occidentalis and Strix varia (along with Strix fulvescens) as constituting a superspecies.

18. Angell, Tony. 1974. OWLS. University of Washington Press, Seattle.

19. Anonymous. 1977. OUR ENVIRONMENT: SPOTTED OWL APPEARS IN GOOD NUMBERS, Bulletin Chicago Field Museum of Natural History 48:9.

20. Anonymous. 1978. NORTHERN SPOTTED OWLS (Strix occidentalis caurina) IN THE UKIAH DISTRICT, BLM, MAY - SEPTEMBER, 1978. Unpublished Report, United States Department of the Interior Bureau of Land Management, Ukiah District, California. 4 pages.

21. Anonymous. 1982. O & C WILDLIFE ON THE WAY OUT? Oregon Wildlife 1982:12-13.

22. Anonymous. 1982. O & C WILDLIFE ON THE WAY OUT? Outdoor News Bulletin 36(21):1-3.

23. Anonymous. 1982. BLM POLICY MAY THREATEN A SPECIES. Outdoor News Bulletin 36(22):1.

24. Anonymous. 1982. OREGON OPPOSES COOS BAY PLAN. Outdoor News Bulletin 36(23):1-2.

25. Ashnorth, C. 1928. CALIFORNIA OWLS. Oologist 45:153-154.

26. Bailey, Alfred M. and Robert J. Niedrach. 1965 BIRDS OF COLORADO (VOLUME 1). Denver Museum of Natural History, Denver. 432 pages.

27. Bailey, Florence Merriam. 1911. A DROP OF FOUR THOUSAND FEET. Auk 28:219-225.

Described habitat and vocalizations of Spotted Owls in New Mexico.

28. Bailey, Florence Merriam. 1921. HANDBOOK OF BIRDS OF THE WESTERN UNITED STATES. Houghton Mifflin Company, Boston, Massachusetts. 590 pages.

Presented a brief species account of the Spotted Owl.

29. Bailey, Florence Merriam. 1923. BIRDS RECORDED FROM THE SANTA RITA MOUNTAINS IN SOUTHERN ARIZONA. Pacific Coast Avifauna No. 15:18.

Listed two records of Spotted Owls in the Santa Rita Mountains.

30. Bailey, Florence Merriam. 1927. HANDBOOK OF BIRDS OF THE WESTERN UNITED STATES. Riverside Press, Cambridge, Massachusetts. 590 pages.

The author listed the Spotted Owl as the western representative of the Barred Owl (Strix varia). The distribution and a description were provided for one subspecies, Strix occidentalis caurinum.

31. Bailey, Florence Merriam. 1928. BIRDS OF NEW MEXICO. New Mexico Department of Game and Fish, Santa Fe.

Provided a number of records of Spotted Owls in New Mexico as well as one record from the Guadalupe Mountains of Texas.

32. Bailey, Florence Merriam. 1939. AMONG THE BIRDS IN THE GRAND CANYON COUNTRY. United States Department of the Interior National Park Service, Washington, D.C.

Repeated the same observations as McKee (1932, 1933).

33. Bailey, Vernon. 1900. UNPUBLISHED FIELD NOTES. United States Department of the Interior Fish and Wildlife Service Patuxent Wildlife Research Center, Laurel, Maryland.

Reported a Spotted Owl heard at Calaveras Big Trees, California.

34. Bailey, Vernon. 1907. UNPUBLISHED FIELD NOTES. United States Department of the Interior Fish and Wildlife Service Patuxent Wildlife Research Center, Laurel, Maryland.

Reported a Spotted Owl heard at 5,300 foot elevation on Challoa Creek, San Gabriel Mountains, California.

35. Bailey, Vernon. 1909. UNPUBLISHED FIELD NOTES. United States Department of the Interior Fish and Wildlife Service Patuxent Wildlife Research Center, Laurel, Maryland.

Reported a Spotted Owl heard calling "near the hotel" at Gold Beach, Oregon. (This was the first known record for Oregon.)

36. Bailey, Vernon. 1911. UNPUBLISHED FIELD NOTES. United States Department of the Interior Fish and Wildlife Service Patuxent Wildlife Research Center, Laurel, Maryland.

Reported a Spotted Owl heard on Cottonwood Creek, San Rafael Mountains, California.

37. Baldridge, F.A., J. Schmidt, R. Tucker, R. Hansen and S.K. Baldridge. 1981. REPORT SUMMARY OF A STUDY OF CALIFORNIA CONDOR USE OF THE BLUE RIDGE AREA, TULARE COUNTY, CALIFORNIA IN 1980. Unpublished Report, National Audubon Society, Ventura, California. 21 pages.

38. Baldridge, Alan and John B. Crowell. 1966. THE FALL MIGRATION: NORTHERN PACIFIC COAST REGION. Audubon Field Notes 20(1):81-86.

39. Balmer, Adam. 1924. NOTES ON THE SPOTTED OWL, BARN OWL AND EUROPEAN WIDGEON IN WASHINGTON. Murrelet 5:13.

Reported a Spotted Owl collected near Tolt, Washington. The owl had the remains of a "rabbit" in the stomach.

40. Barrows, Cameron. 1980. SUMMER ROOST SELECTION BY SPOTTED OWLS: AN ADAPTATION TO HEAT STRESS. M.Sc. thesis, California State University, Long Beach. 51 pages.

Described characteristics of summer roosts used by Spotted Owls and concluded that cool roosts were an important factor in habitat selection. Also presented observations on the movements of a radio-tagged individual.

41. Barrows, Cameron. 1980. FEEDING ECOLOGY OF THE SPOTTED OWL IN CALIFORNIA. Raptor Research 14:73-78.

Compared the diet of Spotted Owls in northern and southern California. Found that woodrats were the main prey in both areas.

42. Barrows, Cameron W. 1981. ROOST SELECTION BY SPOTTED OWLS: AN ADAPTATION TO HEAT STRESS. Condor 83(4):302-309.

Described roosts used by Spotted Owls and concluded that the availability of cool summer roosts was an important factor in habitat selection.

43. Barrows, Cameron and Katherine Barrows. 1978. ROOST CHARACTERISTICS AND BEHAVIOURAL THERMOREGULATION IN THE SPOTTED OWL. Western Birds 9(1):1-8.

Described roost characteristics and behavioural responses to high temperatures. Concluded that cool roosts were an important habitat component during warm weather.

44. Barrows, Cameron, W., Peter H. Bloom and Charles T. Collins. 1982. SEXUAL DIFFERENCES IN THE TAIL BARRING OF SPOTTED OWLS. North American Bird Bander 7(4):138-139.

The authors reported the degree of barring in tail feathers of Spotted Owls as a reliable indicator of sexual differences and subspecific differences. In Strix occidentalis caurina three or fewer complete bars indicated a male, four or more, a female, whereas in Strix occidentalis occidentalis four or more incomplete bars usually indicated a male and five or more complete bars indicated a female.

45. Beatty, M.E., C.C. Presnell and C.A. Harwell. 1933. THE BIRDS OF YOSEMITE NATIONAL PARK. Yosemite National Park 12:33-58.

46. Beebe, Gordon and Jacqueline Schonewald. 1977. SPOTTED OWLS NEAR PALOMARIN. Point Reyes Bird Observatory Newsletter 42:6-7.

Described a nest and nesting behaviour at Point Reyes, California. Frequency of occurrence (in percent) of prey from 18 pellets collected near the nest was: woodrat (88), white-footed mouse (69), Band-tailed Pigeon (31), and Steller's Jay (6). Other prey items included a brush rabbit and chipmunk.

47. Behle William H. 1944. CHECK-LIST OF THE BIRDS OF UTAH. Condor 46:67-87.

Reported the same specimen that was reported by Woodbury (581).

48. Behle, William H., John B. Bushman and Clayton C. White. 1963. DISTRIBUTIONAL DATA ON UNCOMMON BIRDS IN UTAH AND ADJACENT STATES. Wilson Bulletin 75:450-456.

Reported two nesting pairs of Spotted Owls in New Mexico.

49. Behle, William H. and Michael L. Perry. 1975. UTAH BIRDS. Utah Museum Natural History, Salt Lake City.

In this check-list, the Spotted Owl was referred to as a rare permanent resident.

50. Beidleman, Richard G. 1949. GUIDE TO THE BIRDS OF PREY OF COLORADO. University of Colorado Museum Leaflet No. 6, Boulder, Colorado. 23 pages.

51. Belding, Lyman. 1890. LAND BIRDS OF THE PACIFIC DISTRICT. Occasional Papers of the California Academy of Sciences 2:1-274.

The Spotted Owl was referred to as "common" at Big Trees, Calaveras County, California, where the author collected a pair in 1882.

52. Belding, Lyman. 1892. CATALOG OF A COLLECTION OF BIRDS MADE AT VARIOUS POINTS ALONG THE WESTERN COAST OF LOWER CALIFORNIA. Proceedings United States National Museum 5:550.

One Spotted Owl was heard at Big Trees.

53. Bendell, James F. 1973. ENVIRONMENTAL INVESTIGATIONS PROPOSED HIGH ROSS RESERVOIR - VOLUME IV - WILDLIFE, AVIAN RESOURCES AND HABITAT DEVELOPMENT AND IMPROVEMENT. F.F. Slaney and Company Limited, Vancouver. 111 pages.

Listed the Spotted Owl as occurring in the Skagit Valley, British Columbia.

54. Bendire, Charles E. 1882. THE SPOTTED OWL. Ornithologist and Oologist 7:99.

Described a Spotted Owl nest that was located near Wipples Station, 9 miles west of Tucson, Arizona in 1872. The nest consisted of a platform of sticks and grasses 30 feet up in a cottonwood tree. The author suggested that the nest was built by Spotted Owls. (However, he did not actually see the owls building the nest. Bendire shot the incubating female, but apparently did not preserve the specimen.)

55. Bendire, Charles E. 1892. LIFE HISTORIES OF NORTH AMERICAN BIRDS WITH SPECIAL REFERENCE TO THEIR BREEDING HABITS AND EGGS. United States National Museum Special Bulletin No. 1, Washington, D.C. 446 pages.

Described habitat used and two nests of Spotted Owls in Arizona, including a nest with four young. The author suggested that one of the nests was constructed by the Spotted Owls that were using it. (It is probable, however, that the owls simply usurped a nest that had been constructed by some other bird or mammal.) Also listed specimens collected from California.

56. Bent, Arthur Cleveland. 1938. LIFE HISTORIES OF NORTH AMERICAN BIRDS OF PREY (VOLUME II). United States National Museum Bulletin No. 170, Washington, D.C. 482 pages.

Described distribution, food, nests, general life history, clutch size, laying dates, plumages, calls, and behaviour of Spotted Owls.

57. Bergman, Charles A. 1981. SPIRIT OF THE OLD-GROWTH FOREST. Washington Wildlife 31(2):28-29.

The author discussed research on the Spotted Owl in the Wind River area, Gifford Pinchot National Forest and Mt. Adams Ranger District.

58. Bertrand, Gerald A. and J. Michael Scott. 1979. CHECKLIST OF THE BIRDS OF OREGON. Audubon Society of Corvallis, Corvallis, Oregon. 17 pages.

The Spotted Owl was listed as a permanent resident in Western Oregon.

59. Binford, Laurence C. and Kenneth Carlson. 1974. BIRDS OF WESTERN NORTH AMERICA. Macmillan Publishing Company, New York. 223 pages.

Presented a brief species account of the Spotted Owl.

60. Bloom, Peter H. 1980. RAPTORIAL BIRDS OF CAMP PENDELTON MARINE CORPS BASE, SAN DIEGO COUNTY, CALIFORNIA. Unpublished Report, California State University, Long Beach. 33 pages.

61. Bloom, Peter H. 1983. RAPTOR INVENTORY AND HABITAT ASSESSMENT FOR THE SANTA MARGARITA RIVER BASIN AREA - SAN DIEGO, CALIFORNIA. Unpublished Report, United States Fish and Wildlife Service, Laguna Niguel, California. 43 pages.

62. Boggs, Bob and Elsie Boggs. 1961. NORTHERN PACIFIC COAST REGION. Audubon Field Notes 15(5):487-489.

63. Booth, Ernest S. 1942. A FIELD GUIDE TO THE BIRDS OF EASTERN WASHINGTON, EASTERN OREGON AND IDAHO. Walla Walla College, College Place.

64. Booth, Ernest S. 1960. BIRDS OF THE WEST. Outdoor Pictures, Escondido, California. 413 pages.

Presented a brief species account of the Spotted Owl.

65. Borell, A.E. 1934. CAMPING IN YOSEMITE. Yosemite Nature Notes 13:14-15.

Described predation on a Steller's Jay by a Spotted Owl.

66. Bowles, C.W. 1910. SOME NOTES FROM WASHINGTON. Condor 12(3):110.

Reported a questionable nest record (probably not a Spotted Owl nest).

67. Bowles, J.H. 1906. A LIST OF THE BIRDS OF TACOMA, WASHINGTON, AND VICINITY. Auk 23:138-148.

Reported a Spotted Owl seen near Tacoma in 1898.

68. Bowles, J.H. 1921. BREEDING DATES FOR WASHINGTON BIRDS. Murrelet 2:8-12.

The author listed the Spotted Owl as a probable breeding species (but provided no data).

69. Boyle, S.A. and F.B. Sampson. 1983. NONCONSUMPTIVE OUTDOOR RECREATION: AN ANNOTATED BIBLIOGRAPHY OF HUMAN-WILDLIFE INTERACTIONS. United States Department of the Interior Fish and Wildlife Service Special Scientific Report - Wildlife No. 252, Washington, D.C. 113 pages.

70. Brandt, Herbert. 1951. ARIZONA AND ITS BIRD LIFE. Bird Research Foundation, Cleveland, Ohio. 723 pages.

Reported several sightings of Spotted Owls in the Chiricahua Mountains, and two young birds collected in Carr Canyon in the Huachuca Mountains.

71. Bratt, Cherie. 1979. THE SEVENTY-NINTH AUDUBON CHRISTMAS BIRD COUNT - SANTA BARBARA, CALIFORNIA. American Birds 33(4):669.

72. Brewer, T.M. 1875. NOTES ON SEVENTY-NINE SPECIES OF BIRDS OBSERVED IN THE NEIGHBORHOOD OF CAMP HARNEY, OREGON, COMPILED FROM THE CORRESPONDENCE OF CAPT. CHARLES BENDIRE, 1ST CAVALRY, USA. Proceedings Boston Society of Natural History 18:153-168.

(Apparently an erroneous record; the species of owl was not clearly determined and the location was far outside the range of the Spotted Owl.)

73. Brooks, Alan. 1906. NOTES ON SOME OF THE BIRDS OF BRITISH COLUMBIA. Auk 17(2):104-107.

Discussed the distribution of the Spotted Owl in British Columbia.

74. Brooks, Allan. 1909. THREE RECORDS FOR BRITISH COLUMBIA. Auk 26(3):313-314.

Reported a female Spotted Owl collected at Chilliwack.

75. Brooks, Alan. 1917. BIRDS OF THE CHILLIWACK DISTRICT, B.C. Auk 34(1):28-50.

Reported two Spotted Owls collected. One of the owls apparently had fledged young.

76. Brooks, Allan and Harry S. Swarth. 1925. A DISTRIBUTIONAL LIST OF THE BIRDS OF BRITISH COLUMBIA. Pacific Coast Avifauna No. 17, Berkeley, California. 158 pages.

Listed the distribution records of Spotted Owls in British Columbia.

77. Brown, J. 1974. FISH AND WILDLIFE RESOURCES OF THE MOUNT BAKER NATIONAL FOREST. Washington State Game Department Applied Resource Bulletin No. 2, Olympia.

78. Browning, R.M. 1975. THE DISTRIBUTION AND OCCURRENCE OF THE BIRDS OF JACKSON COUNTY, OREGON, AND SURROUNDING AREAS. North American Fauna No. 70, Washington, D.C. 69 pages.

79. Bryant, Harold C. 1940. THE SPOTTED OWL NESTING IN THE SEQUOIA BELT. Condor 42:307.

The author suggested that Spotted Owls nested in a hollow of a log on the ground. (It is possible, however, that the owls did not nest there but were using the log as a perching site after they left the nest.)

80. Bull, Evelyn L. 1978. SPECIALIZED HABITAT REQUIREMENTS OF BIRDS: SNAG MANAGEMENT, OLD-GROWTH, AND RIPARIAN HABITAT. Pages 74-82 In R.M.

Graff, editor. Proceedings of the workshop on non-game bird habitat management in coniferous forests of the western United States. United States Department of Agriculture Forest Service Pacific Northwest Forest and Range Experiment Station General Technical Report PNW-64, Portland, Oregon.

The Spotted Owl was listed as a species that used cavity nests.

81. Burton, John A. 1973. OWLS OF THE WORLD: THEIR EVOLUTION, STRUCTURE AND ECOLOGY. E.P. Dutton and Co., Inc., New York. 216 pages.

Briefly discussed the distribution, habitat, and behaviour of Spotted Owls.

82. California Board of Forestry. (no date). NOTICE - PROPOSED CHANGES TO FOREST PRACTICE REGULATIONS RELATED TO PROTECTION OF BIRD SPECIES OF SPECIAL CONCERN AND THEIR NESTING SITES. Unpublished Report, California Board of Forestry, Sacramento, California. 27 pages.

83. California Natural Resources Federation. 1979. SPOTTED OWL (DRAFT SPECIES ACCOUNT). Unpublished Report, California Natural Resources Federation, Sacramento, California. 9 pages.

84. Call, Mayo W. 1976. REPORT ON STATUS OF SPOTTED OWL IN OREGON. Unpublished Report, United States Bureau of Land Management, Denver, Colorado. 6 pages.

85. Call, Mayo W. 1978. NESTING HABITATS AND SURVEYING TECHNIQUES FOR COMMON WESTERN RAPTORS. United States Department of the Interior Bureau of Land Management Technical Note TN-316, Denver, Colorado.

Described nesting habitat and suggested methods for locating Spotted Owls.

86. Call, Mayo W. 1979. HABITAT MANAGEMENT GUIDES FOR BIRDS OF PREY. United States Department of the Interior Bureau of Land Management Technical Note No. 338, Denver, Colorado. 70 pages.

87. Cameron, Angus. 1971. THE NIGHT WATCHERS. Four Winds Press, New York. 111 pages.

88. Campbell, Berry. 1934. BIRD NOTES FROM SOUTHERN ARIZONA. Condor 36:201-203.

One Spotted Owl was collected in Miller Canyon, Huachuca Mountains, with several others heard.

89. Campbell, Eileen C. and R. Wayne Campbell. 1984. STATUS REPORT ON THE SPOTTED OWL (Strix occidentalis) IN CANADA - 1984. Committee on the Status of Endangered Wildlife in Canada, Status Report, c/o Canadian Nature Federation, Ottawa, Ontario. 62 pages.

The authors analyzed and documented known records of the Spotted Owl in British Columbia and recommended its status as endangered in the province. The last reliable record was from Manning Park in the summer of 1962. Notes were given on habitat requirements, foods and nesting locations.

90. Campbell, R. Wayne. 1977. CHECKLIST OF BRITISH COLUMBIA BIRDS (TO JUNE, 1977). British Columbia Provincial Museum Special Publication, Victoria. Leaflet.

The Spotted Owl was still listed as a breeding species in British Columbia.

91. Campbell, R. Wayne. 1981. LIST OF SPECIES AND SUBSPECIES OF BRITISH COLUMBIA BIRDS (THROUGH SEPTEMBER 1981). Unpublished Report, British Columbia Provincial Museum Vertebrate Zoology Division, Victoria. 19 pages.

The subspecies Strix occidentalis caurina was listed as occurring in British Columbia.

92. Campbell, R. Wayne and Violet Gibbard. 1976. BRITISH COLUMBIA NEST RECORDS SCHEME TWENTY-FIRST ANNUAL REPORT, 1975. Federation of British Columbia Naturalists Newsletter 14(1):4-5, 14(2):4-5.

The authors listed only two breeding records of the Spotted Owl in British Columbia through 1976.

93. Campbell, R. Wayne, Harry R. Carter, Christopher D. Shepard and Charles J. Guiguet. 1979. A BUBLIOGRAPHY OF BRITISH COLUMBIA ORNITHOLOGY. British Columbia Provincial Museum Heritage Record No. 7, Victoria. 185 pages.

Twenty-three references were listed for the Spotted Owl in British Columbia.

94. Cannings, Richard. 1972. BIRD-WATCHING IN MANNING PARK - AN ANNOTATED LIST. Unpublished Report, British Columbia Parks Branch, Victoria. 12 pages.

The Spotted Owl was considered a rare permanent resident in the coniferous forests in the valleys of Manning Park.

95. Cantwell, G.G. 1919. UNPUBLISHED FIELD NOTES. United States Department of the Interior Fish and Wildlife Service Patuxent Wildlife Research Center, Laurel, Maryland.

Collected one adult and one juvenile Spotted Owl at Ohanapecosh Hot Springs, Washington. The adult had the remains of a flying squirrel in its stomach.

96. Carl, G. Clifford, Charles J. Guiguet and George A. Hardy. 1952. A NATURAL HISTORY SURVEY OF THE MANNING PARK AREA, BRITISH COLUMBIA. British Columbia Provincial Museum Occasional Paper No. 9, Victoria. 130 pages.

Reported three observations of Spotted Owls in the park.

97. Carothers, Steven W. and R. Roy Johnson. 1975. RECENT OBSERVATIONS ON THE STATUS AND DISTRIBUTION OF SOME BIRDS OF THE GRAND CANYON REGION. Plateau 47:140-153.

The authors reported that the Grand Canyon National Park Wildlife Observation Files contained six records of Spotted Owls observed in the park. The most recent sighting was in September 1970. (The authors incorrectly assumed that Spotted Owls in the southwest required extensive old-growth forests. In fact, Spotted Owls in the southwest are frequently found in rocky canyonland where tree cover is sparse.)

98. Carter, Frances. 1937. MINUTES OF THE COOPER CLUB MEETINGS (NORTHERN DIVISION). Condor 38:261.

Reported a Spotted Owl captured in a Verbail trap in California.

99. Chandik, Theodore A. and Robert O. Paxton. 1967. THE WINTER SEASON: MIDDLE PACIFIC COAST REGION. Audubon Field Notes 21(3):452-456.

100. Chandik, Theodore A. and Alan Baldridge. 1968. THE FALL MIGRATION: MIDDLE PACIFIC COAST REGION. Audubon Field Notes 22(1):83-88.

101. Chandik, Theodore A. and Alan Baldridge. 1968. THE WINTER SEASON: MIDDLE PACIFIC COAST REGION. Audubon Field Notes 22(3):472-476.

102. Chapman, Frank M. 1908. CAMPS AND CRUISES OF AN ORNITHOLOGIST. D. Appleton & Co., New York. 423 pages.

The author heard a Spotted Owl at Devil's Potrero Creek, California.

103. Chapman, Frank M. 1912. COLOR KEY TO NORTH AMERICAN BIRDS. D. Appleton & Co., New York. 356 pages.

Presented brief notes on identification and range of the Spotted Owl in North America.

104. Clark, A.H. 1910. THE BIRDS COLLECTED AND OBSERVED DURING THE CRUISE OF THE UNITED FISHERIES STEAMER "ALBATROSS" IN THE NORTH PACIFIC OCEAN, AND IN THE BEARING, OKHOTSK, JAPAN, AND EASTERN SEAS, FROM APRIL TO DECEMBER, 1906. Proceedings United States National Museum 38:25-74.

Reported that Spotted Owls were common around Union Bay on Vancouver Island, British Columbia. (Since there are no other records of the Spotted Owl on Vancouver Island, this report is suspect.)

105. Clark, Richard J., Dwight G. Smith and Leon H. Kelso. 1978. WORKING BIBLIOGRAPHY OF OWLS OF THE WORLD. National Wildlife Federation Scientific and Technical Series No. 1, Washington, D.C. 319 pages.

Listed many references for the Spotted Owl.

106. Clarke, Herbert and Arnold Small. 1976. BIRDS OF THE WEST. A.S. Barnes and Co., Inc., Cranbury, New Jersey. 143 pages.

Presented a brief species account of the Spotted Owl.

107. Clay, C.I. 1911. THE SPOTTED OWL IN SOUTHERN CALIFORNIA. Condor 13:75.

Described habitat of Spotted Owls in northern California.

108. Cogswell, Howard L. 1955. THE NESTING SEASON: MIDDLE PACIFIC COAST REGION. Audubon Field Notes 9(5):397-402.

109. Cogswell, Howard L. 1956. THE SPRING MIGRATION: MIDDLE PACIFIC COAST REGION. Audubon Field Notes 10(4):358-363.

110. Cogswell, Howard L. 1956. THE FALL MIGRATION: MIDDLE PACIFIC COAST REGION. Audubon Field Notes 10(5):404-409.

111. Cogswell, Howard L. 1957. THE FALL MIGRATION: MIDDLE PACIFIC COAST REGION. Audubon Field Notes 11(1):53-58.

112. Cogswell, Howard L. and R.H. Pray. 1955. THE NESTING SEASON: MIDDLE PACIFIC COAST REGION. Audubon Field Notes 9(5):397-402.

113. Cook, James C. 1976. SPOTTED OWLS (Strix occidentalis) IN THE SAN BERNADINO NATIONAL FOREST. Unpublished Report, United States Department of Agriculture Forest Service, San Bernadino, California. 7 pages.

Found 26 pairs of Spotted Owls on the San Bernadino National Forest in 1976. Discussed habitat characteristics and management.

114. Cooke, Wells W. 1897. THE BIRDS OF COLORADO. State Agricultural College Bulletin No. 37, Denver, Colorado. 143 pages.

The Spotted Owl was considered a resident of Colorado, and occurred below 8000 feet throughout the state. It nested between the 7000 and 8000 foot level. Eggs were laid in late May. Listed Belart and Denver as locality records.

115. Cooke, Wells, W. 1909. THE BIRDS OF COLORADO - THIRD SUPPLEMENT. Auk 26:400-422.

Reported a sighting of a Spotted Owl near Fort Lewis, Colorado.

116. Cooper, J.G. 1860. REPORT UPON THE BIRDS COLLECTED ON THE SURVEY, LAND BIRDS. CHAPTER 1. United States Pacific Railroad Exploration and Survey 12 (Book 2, Zoology) (3):140-226.

117. Cooper, J.G. 1870. ORNITHOLOGY OF CALIFORNIA. Cambridge University Press, Massachusetts. 592 pages.

118. Cordano, A. and M. Cordano. 1981. PRELIMINARY STUDY OF THE SPOTTED OWL ON THE CORNING RANGER DISTRICT. Unpublished Report, United States Forest Service Mendocino National Forest, Willows, California. 31 pages.

119. Cory, Charles B. 1918. CATALOGUE OF BIRDS OF THE AMERICAS AND THE ADJACENT ISLANDS IN FIELD MUSEUM OF NATURAL HISTORY. Field Museum of Natural History Zoology Series 13, part 2:33-34.

Presented a species list with a few references to the Spotted Owl.

120. Coues, Elliott. 1865. ORNITHOLOGY OF A PRAIRIE-JOURNEY, AND NOTES ON THE BIRDS OF ARIZONA. Ibis 1:162.

Reported a sighting of a Spotted Owl in Arizona.

121. Coues, Elliott. 1882. THE COUES CHECK LIST OF NORTH AMERICAN BIRDS WITH A DICTIONARY OF THE ETYMOLOGY, ORTHOGRAPHY, AND ORTHOEPY OF THE SCIENTIFIC NAMES. Estes and Lauriat, Boston. 165 pages.

The author referred to Strix occidentalis (Xant.) as the Western Barred Owl, and indicated that Latin occidentalis referred to occidental, or western, where the sun sets.

122. Coues, Elliott. 1903. KEY TO NORTH AMERICAN BIRDS (FIFTH EDITION). Dana Estes and Company, Boston. 1152 pages.

Described measurements and plumage of Spotted Owls.

123. Crabtree, Thomas J. and Harry B. Nehls. 1981. A CHECKLIST OF THE BIRDS OF OREGON. Western Birds 12(4):145-156.

124. Craig, Gerald R. and Bruce Webb. 1980. POPULATION SURVEYS OF SMALL OWLS. Pages 195-207 In Wildlife Research Report, Part 2. Colorado Division of Wildlife, Denver.

During calling surveys in 1978, the authors were unable to locate Spotted Owls at 17 sites in Colorado where Spotted Owls had once been reported.

125. Crowell, John B. and Harry B. Nehls. 1966. THE FALL MIGRATION: NORTHERN PACIFIC COAST REGION. Audubon Field Notes 20(3):449-453.

126. Crowell, John B. and Harry B. Nehls. 1968. THE FALL MIGRATION: NORTHERN PACIFIC COAST REGION. Audubon Field Notes 22(1):78-83.

127. Crowell, John B. and Harry B. Nehls. 1969. THE FALL MIGRATION: NORTHERN PACIFIC COAST REGION. Audubon Field Notes 23(1):94-99.

128. Crowell, John B. and Harry B. Nehls. 1970. THE SPRING MIGRATION: NORTHERN PACIFIC COAST REGION. Audubon Field Notes 24(4):635-638.

129. Crowell, John B. and Harry B. Nehls. 1971. THE FALL MIGRATION: NORTHERN PACIFIC COAST REGION. American Birds 25(1):94-100.

130. Crowell, John B. and Harry B. Nehls. 1971. THE WINTER SEASON: NORTHERN PACIFIC COAST REGION. American Birds 25(3):614-619.

131. Crowell, John B. and Harry B. Nehls. 1971. THE SPRING MIGRATION: NORTHERN PACIFIC COAST REGION. American Birds 25(4):787-793.

132. Crowell, John B. and Harry B. Nehls. 1972. THE WINTER SEASON: NORTHERN PACIFIC COAST REGION. American Birds 26(3):644-648.

133. Crowell, John B. and Harry B. Nehls. 1974. THE FALL MIGRATION: NORTHERN PACIFIC COAST REGION. American Birds 28(1):93-98.

134. Crowell, John B. and Harry B. Nehls. 1974. THE SPRING MIGRATION: NORTHERN PACIFIC COAST REGION. American Birds 28(4):840-845.

135. Crowell, John B. and Harry B. Nehls. 1974. THE NESTING SEASON: NORTHERN PACIFIC COAST REGION. American Birds 28(5):938-943.

136. Crowell, John B. and Harry B. Nehls. 1975. THE FALL MIGRATION: NORTHERN PACIFIC COAST REGION. American Birds 29(1):105-112.

137. Crowell, John B. and Harry B. Nehls. 1976. THE SPRING MIGRATION: NORTHERN PACIFIC COAST REGION. American Birds 30(4):878-882.

138. Crowell, John B. and Harry B. Nehls. 1976. THE NESTING SEASON: NORTHERN PACIFIC COAST REGION. American Birds 30(5):992-996.

139. Crowell, John B. and Harry B. Nehls. 1977. THE FALL MIGRATION: NORTHERN PACIFIC COAST REGION. American Birds 31(2):212-216.

140. Culbertson, N. 1975. BASIC HABITAT REQUIREMENTS OF THE SPOTTED OWL. Unpublished Report, United States Forest Service, Porterville, California. 11 pages.

Discussed habitat characteristics and management and mentioned finding a nest. (Many statements do not stand up to critical review. Also, the title is deceptive - the author did not demonstrate that Spotted Owls "required" anything.)

141. Cumming, R.A. 1932. BIRDS OF THE VANCOUVER DISTRICT, BRITISH COLUMBIA. Murrelet 13(1):1-15.

Reported a Spotted Owl collected near Vancouver.

142. Cutler, Betsey D. and Eleanor A. Pugh. 1959. THE NESTING SEASON: MIDDLE PACIFIC COAST REGION. Audbon Field Notes 13(5):450-454.

143. Cutler, Betsey D. and Eleanor A. Pugh. 1960. THE FALL MIGRATION: MIDDLE PACIFIC COAST REGION. Audbon Field Notes 14(1):67-70.

144. Cutler, Betsey D. and Eleanor A. Pugh. 1961. THE NESTING SEASON: MIDDLE PACIFIC COAST REGION. Audbon Field Notes 15(5):489-492.

145. Daggett, Frank S. 1913. ANOTHER INSTANCE OF CANNIBALISM IN THE SPOTTED OWL. Condor 15(1):40-41.

The author reported that a Spotted Owl collected in California had the remains of a Pygmy Owl in its stomach.

146. Davie, Oliver. 1898. NESTS AND EGGS OF NORTH AMERICAN BIRDS. The London Press, Columbus, Ohio. 509 pages.

147. Davis, John M. 1940. RANDOM NOTES FROM THE HUMBOLDT BAY AREA. Condor 42:222.

Reported several Spotted Owls collected, including juveniles.

148. Davis, Raymond. 1974. THE OWL AND THE CHAIN SAW. Defenders of Wildlife News 49:466-471.

Presented a popularized article on the Spotted Owl and its management in the Pacific Northwest.

149. Davis, Raymond. 1978. ALONG OREGON'S DRIFT CREEK: HOPE FOR THE OLD GROWTH. Defenders 53(1):64-65.

150. Dawson, William Leon. 1923. THE BIRDS OF CALIFORNIA (VOLUME III). South Moulton Co., San Diego. 1035-1548 pages.

Discussed distribution, habitat, and general biology of Spotted Owls in California.

151. Dawson, William Leon and John Hooper Bowles. 1909. THE BIRDS OF WASHINGTON. OCCIDENTAL PUBLISHING CO., Seattle, Washington. 997 pages.

Described the Barred Owl and inferred that the Spotted Owl was similar.

152. Dean, Richard. 1975. SPOTTED OWL. Birding 7:209-210.

Presented detailed instructions on how to find a resident pair of Spotted Owls at Muir Woods, California, including a map with roost locations.

153. Decker, Henry W. 1937. SPOTTED OWL SEEN AT DUNDEE, OREGON. Condor 39(3):132.

Reported one adult observed.

154. Delamore, Michael. 1979. FURTHER INVESTIGATIONS OF THE SPOTTED OWL (Strix occidentalis) IN SIX RIVERS NATIONAL FOREST. Unpublished Report, United States Department of Agriculture Forest Service, Eureka, California. 29 pages.

Described the distribution and habitat of Spotted Owls located in northern California. Also described a Spotted Owl nest in a cavity in a large Douglas-fir tree.

155. De Sante, David and Ron LeValley. 1971. THE SPRING MIGRATION: MIDDLE PACIFIC COAST REGION. American Birds 25(4):793-799.

156. De Sante, David and Ron LeValley. 1971. THE NESTING SEASON: MIDDLE PACIFIC COAST REGION. American Birds 25(5):899-904.

157. De Sante, David and Ron LeValley. 1972. THE WINTER SEASON: MIDDLE PACIFIC COAST REGION. American Birds 26(3):648-654.

158. De Sante, David and Ron LeValley. 1972. THE SPRING MIGRATION: MIDDLE PACIFIC COAST REGION. American Birds 26(4):801-807.

159. De Sante, David and Arthur Wong. 1971. THE WINTER SEASON: MIDDLE PACIFIC COAST REGION. American Birds 25(3):619-626.

160. Dickey, Donald R. 1914. THE NESTING OF THE SPOTTED OWL. Condor 16(5):193-202.

Described the nest, reproductive behaviour, and feeding of a pair of Spotted Owls. Suggested that the adults may have carried their young from the nest to a safe position high in a tree. (A more likely explanation is that the young jumped from the nest before they could fly well and then climbed the tree on their own.)

161. Dickey, Donald R. 1919. UNPUBLISHED FIELD NOTES. United States Department of the Interior Fish and Wildlife Service Patuxent Wildlife Research Center, Laurel, Maryland.

Reported several sightings of Spotted Owls (Bear Canyon, San Antonia Canyon, Icehouse Canyon) in the San Gabriel Mountains, California.

162. Dixon, Joseph S. 1943. BIRDS OF KING'S CANYON NATIONAL PARK AREA OF CALIFORNIA. Condor 45:205-219.

Discussed distribution and food of Spotted Owls.

163. Dobler, Fred. 1981. AS THE SPOTTED OWL GOES. Washington Wildlife 31(2):30-31.

The author considered the Spotted Owl as the "Snail Darter" of Washington state. Also listed other species (i.e. flying squirrel, Northern Goshawk) as occurring in old-growth.

164. Dove, H.S. 1939. FEEDING HABITS OF SPOTTED OWL. Emu 39:64.

165. Dunn, Harry H. 1901. THE SPOTTED OWL (Syrnium occidentale). Oologist 18:165-167.

Described three Spotted Owl nests located in cavities in trees in southern California. Clutch size ranged from two to four.

166. Dunstan, T.C. 1972. RADIO-TAGGING FALCONIFORM AND STRIGIFORM BIRDS. Raptor Research 6:93-102.

Presented techniques for using telemetry to study two large groups of raptors.

167. Earhart, Caroline M. and Ned K. Johnson. 1970. SIZE DIMORPHISM AND FOOD HABITS OF NORTH AMERICAN OWLS. Condor 72:251-264.

The authors discussed feeding and provided data on weights and measurements of Spotted Owls.

168. Eckert, A.W. and E.K. Karulus. 1974. THE OWLS OF NORTH AMERICA. Doubleday and Company, Garden City, New York.

The authors mentioned that the Great Horned Owl (Bubo virginianus) may prey on both adult and young Spotted Owls.

169. Edwards, R. Yorke. 1949. A FAUNAL INVESTIGATION OF E.C. MANNING PARK. Unpublished Report, British Columbia Parks Branch, Victoria. 89 pages.

Presented one record (but it is not clear whether the owl was a Spotted Owl or a Barred Owl).

170. Egger, Mark. 1980. BIBLIOGRAPHY OF OREGON ORNITHOLOGY: AN UPDATING OF THE YEARS 1971-1977, WITH A REVISED, CROSS-REFERENCED LIST OF BIRDS OF OREGON. Oregon Field Ornithologists Special Publication No. 1, Eugene, Oregon. 76 pages.

Listed twelve references to the Spotted Owl.

171. Ekstrom, Ray. 1981. COVER PHOTO - SPOTTED OWLS (Strix occidentalis). Western Birds 12(2):cover.

Photographed a Spotted Owl on 24 August 1980 at Grouse Creek, near Callahan, Siskiyou County, California.

172. Eliot, W.A. 1923. BIRDS OF THE PACIFIC COAST. G.P. Putnam's and Sons, New York.

173. Evens, Jules G., Richard A. Erickson and Kenneth V. Rosenberg. 1983. MIDDLE PACIFIC COAST REGION. American Birds 37(5):907-911.

174. Evens, Jules and Ron LeValley. 1981. THE SPRING MIGRATION: MIDDLE PACIFIC COAST REGION. American Birds 35(5):857-862.

175. Everett, Michael. 1977. A NATURAL HISTORY OF OWLS. Hamlyn Publishing Group Limited, London, England. 156 pages.

176. Farner, Donald S. 1952. THE BIRDS OF CRATER LAKE NATIONAL PARK. University of Kansas Press, Lawrence, Kansas. 187 pages.

The author reports that a Spotted Owl was heard on Copeland Creek in 1948.

177. Fisher, A.K. 1893. THE HAWKS AND OWLS OF THE UNITED STATES IN THEIR RELATION TO AGRICULTURE. United States Department of Agriculture Division of Ornithology and Mammalogy Bulletin No. 3, Washington, D.C. 210 pages.

(Listed several early records of Spotted Owls that had already been published elsewhere.)

178. Fisher, A.K. 1894. HAWKS AND OWLS AS RELATED TO THE FARMER. United States Department of Agriculture Biological Survey Yearbook, Washington, D.C. Pages 215-232.

179. Fisher, A.K. 1907. HAWKS AND OWLS FROM THE STANDPOINT OF THE FARMER. United States Department of Agriculture Biological Survey Circular No. 61, Washington, D.C. 18 pages.

180. Fleming, Tracy L. 1982. PACIFIC NORTHWEST RAPTORS: A SOURCE MANUAL. United States Corps of Engineers Report, Seattle, Washington. 383 pages.

A source manual that included information on techniques on surveys and management of 34 species of raptors in the Pacific Northwest. A bibliography included 56 citations on the Spotted Owl.

181. Forsman, Eric D. 1976. A PRELIMINARY INVESTIGATION OF THE SPOTTED OWL IN OREGON. M.Sc. Thesis, Oregon State University, Corvallis. 127 pages.

Described the Spotted Owl in Oregon. Presented data on distribution, abundance, food habits, reproductive biology, natural enemies, vocalizations, and habitat characteristics. Suggested that the harvest of old-growth forests in Oregon was causing a decline in the population of Spotted Owls.

182. Forsman, Eric D. 1980. HABITAT UTILIZATION BY SPOTTED OWLS IN THE WEST-CENTRAL CASCADES OF OREGON. Ph.D. Theses, Oregon State University, Corvallis. 95 pages.

Described home range characteristics, habitat preference for foraging and roosting, territorial behaviour, and sexual differences in prey selection. Also presented data on the dispersal of two juveniles. Found that old-growth forests were preferred for foraging and roosting and that clearcuts and young second-growth areas were avoided.

183. Forsman, Eric D. 1981. MOLT OF THE SPOTTED OWL. Auk 98(4):735-742.

Described the adult molt and development of juvenile plumage. Compared the molt of the Spotted Owl with the molt in other owls.

184. Forsman, Eric D. 1981. HABITAT UTILIZATION BY SPOTTED OWLS ON THE EUGENE DISTRICT OF THE BUREAU OF LAND MANAGEMENT. Unpublished Report, United States Department of the Interior Bureau of Land Management, Portland, Oregon. 63 pages.

Presented data on home range characteristics, habitat preference for foraging and roosting, and prey selection. Found that old-growth forests were preferred for foraging and roosting and that clearcut and second-growth forests were avoided.

185. Forsman, Eric D. 1983. METHODS AND MATERIALS FOR LOCATING AND STUDYING SPOTTED OWLS. United States Department of Agriculture Forest Service General Technical Report PNW-162, Portland, Oregon. 8 pages.

Described techniques for inventory, dietary analyses, locating nests and roosts, trapping radiotelemetry, and climbing nest trees.

186. Forsman, Eric D., Kirk M. Horn and William A. Neitro. 1982. SPOTTED OWL RESEARCH AND MANAGEMENT IN THE PACIFIC NORTHWEST. Transactions of the North American Wildlife and Natural Resources Conference 47:323-331.

Presented a review of research and management efforts in the Pacific Northwest and California.

187. Forsman, Eric D., E. Charles Meslow and Marcia J. Strub. 1976. SPOTTED OWL ABUNDANCE IN YOUNG VERSUS OLD-GROWTH FORESTS, OREGON. Wildlife Society Bulletin 5:43-47.

Indicated that Spotted Owls in Oregon were twelve times more numerous in old-growth forests than in second-growth forests younger than 45 years.

188. Forsman, Eric D., E. Charles Meslow and Howard M. Wight. 1984. THE BIOLOGY AND MANAGEMENT OF THE SPOTTED OWL IN OREGON. Wildlife Monographs (in press).

Described extensive research conducted on the Spotted Owl in Oregon between 1969 and 1980. Topics addressed included distribution, reproductive biology, habitat characteristics, habitat use, home range characteristics, vocalizations, social behaviour, food, sexual differences in prey selection, territoriality, natural enemies, juvenile dispersal, foraging behaviour, activity patterns, and management.

189. Forsman, Eric D. and Howard M. Wight. 1979. ALLOPREENING IN OWLS: WHAT ARE ITS FUNCTIONS? Auk 96(3):525-531.

The authors described allopreening behaviour in the Spotted Owl and other owls.

190. Foster, Mercedes. 1965. AN EARLY REFERENCE TO THE TECHNIQUE OF OWL CALLING. Auk 82:651-653.

The use of vocal imitations to locate owls (including the Spotted Owl) was briefly discussed.

191. Fyfe, Richard. 1975. STATUS OF CANADIAN RAPTOR POPULATIONS. Canadian Field-Naturalist 90(3):370-375.

Stated that population trends for the Spotted Owl were "unknown" in British Columbia and that the relative abundance was considered "medium".

192. Gabrielson, Ira N. and Stanley G. Jewett. 1940. BIRDS OF OREGON. Oregon State University, Corvallis (republished as BIRDS OF THE PACIFIC NORTHWEST. Dover Press. 1970). 650 pages.

Described distribution and habitat based on the few records of Spotted Owls available at the time.

193. Gabrielson, Ira N. and Stanley G. Jewett. 1976. BIRDS OF THE PACIFIC NORTHWEST. Dover Publications Inc., New York (p. 348). 650 pp.

A Dover edition of "Birds of Oregon" published by Oregon State College in 1940. It included an overview of the Spotted Owl in Oregon through the 1920's.

194. Gadd, Samuel W. 1942. SPOTTED OWL NESTING IN COLORADO. Condor 44:35.

Reported two young taken from a nest somewhere near Harstel, Colorado.

195. Garcia, Ernest R. 1979. A SURVEY OF THE SPOTTED OWL IN WASHINGTON. Pages 8-28 in P.P. Schaeffer and S.M. Ehlers, editors. Proceedings of the National Audubon Society's Symposium on Owls of the West, their ecology and conservation. National Audubon Society Western Education Center, Tiburon, California. 97 pages.

196. Garrigues, William. 1977. BIOLOGY OF THE SPOTTED OWL. Oregon Birds 1:25-28.

Presented a short summary of information found in the literature.

197. Gilman, M. French. 1907. SOME BIRDS OF SOUTHWEST COLORADO. Condor 9:152-158.

The author observed two Spotted Owls near Fort Lewis in southwestern Colorado.

198. Godfrey, W. Earl. 1966. THE BIRDS OF CANADA. National Museum of Canada Bulletin No. 203, Ottawa, Ontario. 428 pages.

The author considered the Spotted Owl as a scarce permanent resident in extreme southwestern mainland British Columbia. Standard measurements were listed, with ranges, for adults of both sexes.

199. Goold, John W. 1981. KLAMATH BALD EAGLE HABITAT MANAGEMENT AREA. Unpublished Report, United States Forest Service Winema National Forest, Klamath Falls, Oregon. 99 pages.

200. Goold, John W. and Jack V. Inman. 1981. SPOTTED OWL MANAGEMENT ON THE WINEMA NATIONAL FOREST. Unpublished Report, United States Department of Agriculture Forest Service Winema National Forest, Klamath Falls, Oregon. 15 pages.

Presented a literature review and discussion of management on the Winema National Forest.

201. Gould, Gordon I. 1974. THE STATUS OF THE SPOTTED OWL IN CALIFORNIA. California Department of Fish and Game Report, No. 74-6. 56 pages (multilith).

Described the first comprehensive inventory of the Spotted Owl in California. Included a discussion of general habitat characteristics and a listing of historical and current locations.

202. Gould, Gordon I. 1975. HABITAT REQUIREMENTS OF THE SPOTTED OWL IN CALIFORNIA. California-Nevada Wildlife Transactions 1975:102-117.

203. Gould, Gordon I. 1977. DISTRIBUTION OF THE SPOTTED OWL IN CALIFORNIA. Western Birds 8(4):131-146.

Described the distribution of the Spotted Owl in California based on historical records and inventories conducted between 1973 and 1977. Between 1973 and 1977, Spotted Owls were located at 317 locations. Discussed habitat characteristics and suggested that the population has declined from historical levels.

204. Gould, Gordon I. 1978. UPDATE OF SPOTTED OWL TERRITORY LOCATIONS. Unpublished addendum to 1974 report, California Department of Fish and Game, Sacramento. 10 pages.

205. Gould, Gordon I. 1979. STATUS AND MANAGEMENT OF ELF AND SPOTTED OWLS IN CALIFORNIA. Pages 86-97 in P.P. Schaeffer and S.M. Ehlers, editors. Proceedings of the Symposium on Owls of the West: their ecology and conservation. National Audubon Society Western Education Center, Tiburon, California.

Presented a brief summary of habitat characteristics in California and reports that Spotted Owls were found at 404 sites in California between 1973 and 1979.

206. Graham, R.E. 1969. BOWER CAVE STUDIES PART 3: THE VERTEBRATE FAUNA OF THE OUTER VAULT. Caves and Karst 11:33-35.

Reported Spotted Owls that roosted in Bower Cave. (Grinnell and Storer (217) and McLean (355) also reported owls here.)

207. Greathouse, T.E. 1950. UNPUBLISHED FIELD NOTES. United States Department of the Interior Fish and Wildlife Service Patuxent Wildlife Research Center, Laurel, Maryland.

Reported a Spotted Owl seen near Dome Rock Lookout, 25 miles south of Oakridge, Oregon.

208. Grey, H. 1915. BIRD NOTES FROM BRITISH COLUMBIA AND SOUTHERN CALIFORNIA. Condor 17:59.

Reported a Spotted Owl collected at San Gabriel Canyon, California.

209. Griffee, W.E. and E.F. Rapraeger. 1937. NESTING DATES FOR BIRDS BREEDING IN THE VICINITY OF PORTLAND, OREGON. Murrelet 18:14-18.

The authors mentioned the Spotted Owl but provided no data on nesting.

210. Grinnell, Joseph. 1894. (NOTE WITHOUT TITLE). Nidologist 2:11.

Reported a Spotted Owl collected "at high altitude" near Pasadena, California.

211. Grinnell, Joseph. 1898. BIRDS OF THE PACIFIC SLOPE OF LOS ANGELES COUNTY. Press of G.A. Swerdfiger, Pasadena, California. 52 pages.

Reported several records of Spotted Owls from southern California.

212. Grinnell, Joseph. 1902. CHECK-LIST OF CALIFORNIA BIRDS. Pacific Coast Avifauna 3:34.

Referred to the Spotted Owl as a "fairly common resident" of San Diego district.

213. Grinnell, Joseph. 1909. THE NORTHERN SPOTTED OWL IN CALIFORNIA. Condor 11(4):138.

Reported a specimen taken from Mount Tamalpais in California and compared its plumage with owls collected in southern California and Washington.

214. Grinnell, Joseph. 1915. A DISTRIBUTIONAL LIST OF BIRDS OF CALIFORNIA. Pacific Coast Avifauna No. 11:210-211.

Described the distribution of Spotted Owls in California.

215. Grinnell, Joseph, Joseph Dixon and Jean M. Linsdale. 1930. VERTEBRATE NATURAL HISTORY OF A SECTON OF NORTHERN CALIFORNIA THROUGH THE LASSEN PARK REGION. University California Publications in Zoology 35:237.

Described several sightings of the Spotted Owl.

216. Grinnell, Joseph and Alden H. Miller. 1944. THE DISTRIBUTION OF THE BIRDS OF CALIFORNIA. Cooper Ornithological Club, Pacific Coast Avifauna No. 27:203-205, Berkeley.

Described distribution, habitat, and nests of the Spotted Owl.

217. Grinnell, Joseph and Tracy I. Storer. 1924. ANIMAL LIFE IN THE YOSEMITE. University of California Press, Berkeley. 752 pages.

Reported several sightings of Spotted Owls. Two adults were collected. The stomach of one of the adults contained the remains of a woodrat (Neotoma fuscipes), a mouse (Peromyscus) and a grasshopper.

218. Grinnell, Joseph and Harry S. Swarth. 1913. AN ACCOUNT OF THE BIRDS AND MAMMALS OF THE SAN JACINTO AREA OF SOUTHERN CALIFORNIA. University California Publications in Zoology 10:239.

Reported distributional records of Spotted Owls.

219. Grinnell, Joseph and Margaret Wythe. 1927. DIRECTORY TO THE BIRD-LIFE OF THE SAN FRANCISCO BAY REGION. Pacific Coast Avifauna 18:85.

220. Grossman, Mary Louise and John Hamlet. 1964. BIRDS OF PREY OF THE WORLD. Clarkson N. Potter, Inc., New York, New York. 496 pages.

Presented a very brief description of the Spotted Owl with a range map.

221. Grosvenor, Gilbert and Alexander Wetmore (editors). 1937. THE BOOK OF BIRDS. National Geographic Society, Washington, D.C. 374 pages.

Presented a popular account and summary of the life history details of the Spotted Owl.

222. Gruson, Edward S. 1972. WORDS FOR BIRDS: A LEXICON OF NORTH AMERICAN BIRDS WITH BIOGRAPHIC NOTES. Quadrangle Books, New York. 305 pages.

Stated that the species name occidentalis was Latin for "western" and the allusion was to the species range in western United States and Mexico.

223. Guenther, Keith and Thomas E. Kucera. 1978. WILDLIFE OF THE PACIFIC NORTHWEST: OCCURRENCE AND DISTRIBUTION BY HABITAT, BLM DISTRICT AND NATIONAL FOREST. United States Department of Agriculture Forest Service, Portland, Oregon. 128 pages.

The authors listed cover types in which Spotted Owls may be expected to occur.

224. Guiguet, Charles J. 1960. THE BIRDS OF BRITISH COLUMBIA (7) THE OWLS. British Columbia Provincial Museum Handbook No. 18, Victoria. 62 pages.

Described distribution and general habits of Spotted Owls in British Columbia.

225. Guillion, Gordon W. 1951. BIRDS OF THE SOUTHERN WILLAMETTE VALLEY, OREGON. Condor 53:129-149.

Reported two records of Spotted Owls near Eugene, Oregon.

226. Hagar, Donald C. 1960. THE INTERRELATIONSHIPS OF LOGGING, BIRDS AND TIMBER REGENERATION IN THE DOUGLAS-FIR REGION OF NORTHWESTERN CALIFORNIA. Ecology 41(1):116-125.

Listed the Spotted Owl as a resident in virgin Douglas-fir forest.

227. Hamerstrom, F.N., B.E. Harrell and R.R. Olendorff. 1974. MANAGEMENT OF RAPTORS. Raptor Research Report No. 2:1-146.

228. Harris, Paul A. 1980. A BIBLIOGRAPHY ON THE CAPTURING, AGING, SEXING, AND BANDING OF NORTH AMERICAN OWLS. Inland Bird Banding 52(4):49-55.

Presented a short list of references on techniques for capturing owls for research purposes.

229. Harrison, Colin. 1978. A FIELD GUIDE TO THE NESTS, EGGS, AND NESTLINGS OF NORTH AMERICAN BIRDS. William Collins Sons and Company Ltd., London, England. 416 pages.

Briefly described nests and eggs of the Spotted Owl.

230. Hayward, Dennis R. 1981. WHAT YOU ALWAYS NEEDED TO KNOW ABOUT THE NORTHERN SPOTTED OWL - BUT DIDN'T KNOW TO ASK. Unpublished Report, Northwest Timber Association, Eugene, Oregon. 8 pages.

(The author contended that the Spotted Owl was in no danger in the Pacific Northwest and that a genetically viable population could be maintained by occasionally transferring pairs of Spotted Owls among Wilderness Areas. The author was correct in his belief that the Spotted Owl was not in immediate danger of extinction in the Pacific Northwest, but all studies conducted in Oregon and Washington indicated that Spotted Owl populations are gradually declining as a result of habitat destruction.)

231. Hayward, Dennis R. 1982. WILL THE SPOTTED OWL BECOME OUR BILLION DOLLAR BIRD? The Log 6:14-17.

The author discussed the high cost of managing old-growth forests for Spotted Owls. He suggested that wilderness areas and other withdrawn lands would provide adequate habitat for Spotted Owls, and that commercial forest lands should not be allocated for Spotted Owl management until more research is done.

232. Headstrom, Richard. 1951. BIRDS' NESTS OF THE WEST: A FIELD GUIDE. Ives Washburn, New York. 177 pages.

Presented a brief species account of the Spotted Owl.

233. Heinrichs, Jay. 1983. THE WINGED SNAIL DARTER. Journal Forestry 81:212-215.

Presented a well researched history of Spotted Owl management in Oregon.

234. Heintzelman, Donald S. 1979. HAWKS AND OWLS OF NORTH AMERICA. Universe Books, New York, New York. 197 pages.

Presented a brief species account of the Spotted Owl.

235. Heller, Edmund. 1873. (NO TITLE). Oologist 10:236.

Reported three eggs collected from a nest in California that the author assumed was built by Spotted Owls. (In fact, he probably did not know what built the nest.)

236. Henderson, Junius. 1907. COLORADO NOTES. Condor 9:198.

Reported a probable sighting of a Spotted Owl near Boulder in 1886.

237. HENSHAW, H.W. 1886. LIST OF BIRDS OBSERVED IN SUMMER AND FALL ON THE UPPER PECOS RIVER, NEW MEXICO. Auk 3:73-80.

Collected one Spotted Owl.

238. Hillinger, C. 1983. HE GIVES A HOOT - ECOLOGIST FEARS FOR THE NORTHERN SPOTTED OWL. San Francisco Chronicle, 26 June 1983, page 5.

239. Hitchcock, M.A. 1978. NESTING SURVEY AND ECOLOGICAL STUDY OF THE PEREGRINE FALCON IN THE WESTERN CHIHUAHUAN DESERT, 1976-1978. MS Thesis, Sul Ross State University, Alpine, Texas. 92 pages.

240. Hoffman, Robert S. 1927. BIRDS OF THE PACIFIC STATES. Houghton Mifflin Co., Boston. 353 pages.

Presented a brief species account of the Spotted Owl.

241. Hoffman, Robert S., Ralph L. Hand and Philip L. Wright. 1959. RECENT BIRD RECORDS FROM WESTERN MONTANA. Condor 61:147-151.

Reported a Spotted Owl photographed in Montana. (This record was retracted (583) after the authors realized that the bird was a Barred Owl not a Spotted Owl.)

242. Hoge, G. and W. Hoge. 1975. CHECK-LIST OF WASHINGTON BIRDS. Black Hills Audubon Society, Olympia.

243. Howard, Hildegarde. 1933. A NEW SPECIES OF OWL FROM THE PLEISTOCENE OF RANCH LA BREA, CALIFORNIA. Condor 35:66-69.

Described an extinct species (Strix brea) and compared its bone structure with a number of extant species, including the Spotted Owl.

244. Howie, Richard. 1980. THE SPOTTED OWL IN BRITISH COLUMBIA. Pages 96-105 in R. Stace-Smith, L. Johns and P. Joslin, editors. Proceedings of the Symposium on Threatened and Endangered Species and Habitats in British Columbia and the Yukon. British Columbia Ministry of Environment, Victoria.

Provided a fairly complete summary of the literature on the Spotted Owl in British Columbia. Also listed unpublished records on file at the British Columbia Provincial Museum.

245. Hubbard, John P. 1963. NOTEWORTHY RECORDS FROM NEW MEXICO. Condor 65:236-239.

Reported that H.H. Kimball collected 11 male and 11 female Spotted Owls in New Mexico between 1926 and 1929. Specimens were in the collection of the University of Michigan Museum of Zoology.

246. Hubbard, John P. 1970. CHECKLIST OF THE BIRDS OF NEW MEXICO. New Mexico Ornithological Society Publication No. 3, Albuquerque, New Mexico. 108 pages.

Described the distribution of the Spotted Owl in New Mexico.

247. Huey, Laurence M. 1913. SPOTTED OWLS IN SAN DIEGO COUNTY. Condor 15:229.

Described the habitat in California and the first record of simultaneous tail molt in the Spotted Owl.

248. Huey, laurence, M. 1930. NOTES FROM THE VICINITY OF SAN FRANCISCO MOUNTAIN, ARIZONA. Condor 32:128.

Reported one Spotted Owl collected near Little Spring, Arizona.

249. Huey, Laurence M. 1932. NOTE ON THE FOOD OF AN ARIZONA SPOTTED OWL. Condor 34:100-101.

The author collected an adult male Spotted Owl at Rustler Park in the Chiricahua Mountains. The stomach of the owl contained at last 17 moths belonging to the genus Agrotis.

250. Hunn, Eugene S. 1982. BIRDING IN SEATTLE AND KING COUNTY. Seattle Audubon Society, Seattle, Washington. 160 pages.

The occurrences and nestings of the Spotted Owl in King County, Washington were summarized. It was considered a rare owl in wet coniferous forest.

251. Hunn, Eugene S. and Philip W. Mattocks. 1978. THE WINTER SEASON: NORTHERN PACIFIC COAST REGION. American Birds 32(3):390-394.

251. Hunn, Eugene S. and Philip W. Mattocks. 1981. THE AUTUMN MIGRATION: NORTHERN PACIFIC COAST REGION. American Birds 35(2):216-219.

253. Hunn, Eugene S. and Philip W. Mattocks. 1981. THE SPRING MIGRATION: NORTHERN PACIFIC COAST REGION. American Birds 35(5):854-857.

254. Hunn, Eugene S. and Philip W. Mattocks. 1982. THE AUTUMN MIGRATION: NORTHERN PACIFIC COAST REGION. American Birds 36(2):208-211.

255. Ingersoll, Albert M. 1919. ALBERT MILLS INGERSOLL - AN AUTOBIOGRAPHY. Condor 21:53-47.

The author collected a set of Spotted Owl eggs in San Diego County, California.

256. Jackman, Siri M. and J. Michael Scott. 1975. NORTHERN SPOTTED OWL. Pages 249-266 in Literature Review of Twenty-three Selected Forest Birds of the Pacific Northwest. United States Department of Agriculture Forest Service, Region 6. 382 pages.

The authors summarized information on distribution, food, pair spacing, habitat, and general biology of Spotted Owls. Recommendations for management were included.

257. Jewett, Stanley G. 1916. NOTES ON SOME LAND BIRDS OF TILLAMOOK COUNTY, OREGON. Condor 18(2):74-80.

The author collected a Spotted Owl near Netarts Bay in 1914. The owl smelled like a skunk.

258. Jewett, Stanley G. 1930. NOTES ON THE DOWELL BIRD COLLECTION. Condor 32:123-124.

Reported an adult female Spotted Owl collected four miles south of Mercer, Oregon in 1925.

259. Jewett, Stanley G. and Ira N. Gabrielson. 1929. BIRDS OF THE PORTLAND AREA, OREGON. Pacific Coast Avifauna No. 19.

Reported three Spotted Owls collected near Portland.

260. Jewett, Stanley G., Walter P. Taylor, William T. Shaw, and John W. Aldrich. 1953. BIRDS OF WASHINGTON STATE. University of Washington Press, Seattle. 767 pages.

Described distribution, food, and habitat of the Spotted Owl in Washington.

261. Johnson, Donald R. 1981. THE STUDY OF RAPTOR POPULATIONS. University of Idaho Press, Moscow. 86 pages.

Presented a brief summary of the food, migration status, and sexual dimorphism of the Spotted Owl.

262. Johnson, Ned K. and Ward C. Russell. 1962. DISTRIBUTIONAL DATA ON CERTAIN OWLS IN THE WESTERN GREAT BASIN. Condor 64:513-514.

The authors collected two Spotted Owls and heard another near Martis Peak on the east slope of the Sierra Nevada Mountains, California. One of the specimens had undergone a simultaneous or nearly simultaneous, tail molt.

263. Johnson, R. Roy, Lois T. Haight, and James M. Simpson. 1979. OWL POPULATIONS AND SPECIES STATUS IN THE SOUTHWESTERN UNITED STATES. Pages 40-59 in P.P. Schaeffer and S.M. Ehlers, editors. Proceedings of the symposium on owls of the west: their ecology and conservation. National Audubon Society Western Education Center, Tiburon, California.

Presented mostly repeated information presented by Gould (203) and pointed out that little was known about the Spotted Owl in the southwest.

264. Jones and Stokes Associates. 1980. WILDLIFE SPECIES ACCOUNTS: LIFE HISTORIES AND HABITAT RELATIONSHIPS OF SPECIES COMMONLY FOUND IN OLD-GROWTH CONIFER FORESTS OF WESTERN OREGON, WESTERN WASHINGTON AND NORTHWESTERN CALIFORNIA. Jones and Stokes Associates, Inc., Sacramento, California. 394 pages.

Presented a general review of the literature on the Spotted Owl, with a brief discussion of management and research needs.

265. Jones, Lee, Kimbel Garret and Arnold Small. 1981. CHECKLIST OF THE BIRDS OF CALIFORNIA. Western Birds 12(2):57-72.

266. Jones, Lynds and William L. Dawson. 1900. A SUMMER RECONNAISSANCE IN THE WEST. Wilson Bulletin 7:14.

The authors observed a Spotted Owl near Mellen, Arizona.

267. Juday, Glenn P. 1976. OLD GROWTH FORESTS: A NECESSARY ELEMENT OF MULTIPLE USE AND SUSTAINED YIELD NATIONAL FOREST MANAGEMENT. Environmental Law 8:497-522.

The author stressed the importance of retaining old-growth forests for Spotted Owls and other wildlife that preferred old forests.

268. Karalus, Karl E. and Allan W. Eckert. 1974. THE OWLS OF NORTH AMERICA. Doubleday & Co., Inc., Garden City, New York. 278 pages.

(This general treatment was filled with unsubstantiated and fanciful information on the behaviour and life history of the Spotted Owl.)

269. Kellogg, Peter P., Arthur A. Allen, Roger T. Peterson and W.W. Gunn. 1962. A FIELD GUIDE TO WESTERN BIRD SONGS (RECORD ALBUM, 3 DISCS). Houghton-Mifflin Co., Boston.

270. Kermode, Francis. 1904. CATALOGUE OF BRITISH COLUMBIA BIRDS. British Columbia Provincial Museum, Victoria. 69 pages.

Reported that a specimen was collected before 1891 at Burrard Inlet. (If correct, this constituted the earliest record of the Spotted Owl in the Pacific Northwest.)

271. Kermode, Francis. 1909. PROVINCIAL MUSEUM OF NATURAL HISTORY AND ETHNOLOGY, VICTORIA, BRITISH COLUMBIA. 92 pages.

Listed the earliest record for British Columbia.

272. Kertell, Kenneth. 1977. THE SPOTTED OWL AT ZION NATIONAL PARK, UTAH. Western Birds 8(4):147-150.

Described habitat and listed prey species found in a small collection of pellets.

273. Kilgore, Bryce M. 1971. RESPONSE OF BREEDING BIRD POPULATIONS TO HABITAT CHANGES IN A GIANT SEQUOIA FOREST. American Midland Naturalist 85:135-152.

Mentioned that Spotted Owls were present at Whitaker's Forest, Tulare County, California, in 1965 and 66.

274. Kingery, Hugh E. 1974. THE FALL MIGRATION: MOUNTAIN WEST. American Birds 28(1):83-86.

275. Kingery, Hugh E. 1974. THE NESTING SEASON: MOUNTAIN WEST. American Birds 28(5):929-933.

276. Kingery, Hugh E. 1975. THE NESTING SEASON: MOUNTAIN WEST. American Birds 29(5):1010-1014.

277. Kingery, Hugh E. 1976. THE NESTING SEASON: MOUNTAIN WEST. American Birds 30(5):982-985.

278. Kingery, Hugh E. 1977. THE FALL MIGRATION: MOUNTAIN WEST. American Birds 31(2):203-207.

279. Kingery, Hugh E. 1978. THE NESTING SEASON: MOUNTAIN WEST REGION. American Birds 32(6):1190-1194.

280. Kingery, Hugh E. 1979. THE NESTING SEASON: MOUNTAIN WEST. American Birds 33(5):793-795.

281. Kirton, Michael P. 1971. A CONTRIBUTION TOWARD A BIBLIOGRAPHY ON THE GENUS Strix, Unpublished Student Report, University of Alaska Department of Wildlife Management, College. 33 pages.

282. Kitchen, E.A. 1934. DISTRIBUTIONAL CHECK-LIST OF THE BIRDS OF THE STATE OF WASHINGTON. Pacific Northwest Bird and Mammal Society Northwest Fauna Series No. 1, Tacoma.

283. Kitchen, E.A. 1939. A DISTRIBUTIONAL CHECK-LIST OF THE BIRDS OF MOUNT RAINER NATIONAL PARK. Murrelet 20:27-37.

Reported that Spotted Owls were seen at three sites in the park, Ohanapecosh, Mount Wow, and the North Puyallup River.

284. Kitchen, E.A. 1949. BIRDS OF THE OLYMPIC PENINSULA. Olympic Stationers, Port Angeles. 262 pages.

Listed two records of Spotted Owls and gives a few notes on behaviour.

285. Knight, Richard L. 1979. AN ANNOTATED BIBLIOGRAPHY OF WASHINGTON RAPTORS AND THE COMMON RAVEN. Washington Department of Game, Olympia, Washington. 68 pages.

The author listed 58 references on the Spotted Owl.

286. Knowlton, Frank H. 1909. BIRDS OF THE WORLD: A POPULAR ACCOUNT. Henry Holt and Company, New York, New York. 873 pages.

The author mentioned the Spotted Owl (provided very little information).

287. Koch, F.W. 1892. UNPUBLISHED FIELD NOTES. United States Department of the Interior Fish and Wildlife Service Patuxent Wildlife Research Center, Laurel, Maryland.

Listed specimens of Spotted Owls collected on Smith's Mountain, California.

288. Korol, Jerome and Peggy Wallis. 1983. SNAG MANAGEMENT FOR DEPENDENT WILDLIFE. Unpublished Student Report, University of British Columbia Faculty of Forestry, Vancouver. 85 pages.

Listed nine management options for old growth dedication and allocation and its dependent wildlife species (i.e. Spotted Owl).

289. LaFollete, Cameron. 1979. ANALYSIS OF THE OREGON INTERAGENCY SPOTTED OWL MANAGEMENT PLAN. Cascade Holistic Economic Consultants, Eugene, Oregon. 32 pages.

Presented a critical review of Spotted Owl management as it was practiced in Oregon.

290. LaFollette, Cameron. 1983. BIRD IN PERIL. Defenders 57:35-38.

Presented a summary of Spotted Owl research and management in the Pacific Northwest.

291. Laing, Hamilton M. 1942. BIRDS OF THE COAST OF CENTRAL BRITISH COLUMBIA. Condor 44(4):175-181.

Listed three records of Spotted Owls from southwest British Columbia and stated that a male collected at Huntingdon, British Columbia, in 1927 was nesting.

292. Lane, James A. 1968. A BIRDWATCHERS GUIDE TO SOUTHERN CALIFORNIA. L. & P. Photography, Santa Ana, California. 95 pages.

The Spotted Owl was described as a rare permanent resident of dense woods in steep-walled canyons of the mountains of southern California. Several locations were listed where birdwatchers could drive to see this owl.

293. Lang, J. 1982. STATEMENT REGARDING PROPOSED NEST SITE PROTECTION RULES. Unpublished Report, California Board of Forestry Hearing, November 4, 1982, Sacramento. 5 pages.

294. Larrison, Earl J. 1942. A FIELD GUIDE TO THE BIRDS OF THE SEATTLE AREA. Seattle Audubon Society, Seattle, Washington.

295. Larrison, Earl J. 1947. FIELD GUIDE TO THE BIRDS OF THE KING COUNTY, WASHINGTON. Seattle Audubon Society Trailside Series Occasional Publication No. 1, Seattle, Washington. 66 pages.

Listed the Spotted Owl as a rare resident in deep forests of Lowland Belt and more common in dense parts of the Montane Forest Belt in King County, Washington.

296. Larrison, Earl J. 1952. FIELD GUIDE TO BIRDS OF PUGET SOUND. Seattle Audubon Society Trailside Series Occasional Publications, Seattle, Washington.

297. Larrison, Earl J. and E.N. Francq. 1962. FIELD GUIDE TO THE BIRDS OF WASHINGTON STATE. Seattle Audubon Society Trailside Series Occasional Publications, Seattle, Washington.

298. Larrison, Earl J. and Klaus G. Sonnenberg. 1968. WASHINGTON BIRDS: THEIR LOCATION AND IDENTIFICATION. Seattle Audubon Society, Seattle. 258 pages.

The authors report hearing a Spotted Owl near Hanson Lake and state that it occurs in the Canadian and Transition Life Zones in Washington.

299. Law, J. Eugene. 1906. MINUTES OF THE COOPER CLUB MEETING (SOUTHERN DIVISION). Condor 8:157.

Reported a "family" of Spotted Owls seen near Newhall, California. One of the adult owls was collected.

300. Law, J. Eugene. 1917. NOTES ON THE ARIZONA SPOTTED OWL. Condor 19:69.

The author described an adult male and female Spotted Owl collected in Pinery Canyon on the west slope of the Chiricahua Mountains.

301. Laymon, Stephen A. and R.H. Barret. 1982. ADMINISTRATIVE STUDY OF RELATIONSHIPS BETWEEN WILDLIFE AND MANAGEMENT OF MATURE AND OVER-MATURE (OLD GROWTH) TREE STANDS: SUPPLEMENTAL REPORT ON A TEST OF A SPOTTED OWL HABITAT SUITABILITY MODEL. Unpublished Report, University of California College of Natural Resources Department of Forestry and Resource Management, Berkeley, California. 16 pages.

Presented a field test of a model designed to predict habitat suitability for Spotted Owls.

302. Laymon, Stephen A. and W. David Shuford. 1980. THE WINTER SEASON: MIDDLE PACIFIC COAST REGION. American Birds 34(3):302-305.

303. Laymon, Stephen A. and W. David Shuford. 1980. THE SPRING MIGRATION: MIDDLE PACIFIC COAST REGION. American Birds 34(5):810-814.

304. Laymon, Stephen A. and W. David Shuford. 1980. THE NESTING SEASON: MIDDLE PACIFIC COAST REGION. American Birds 34(6):925-929.

305. Lefranc, M.N. and B.A. Millsap. 1982. SUMMARY OF STATE RESPONSES TO NATIONAL WILDLIFE FEDERATION RAPTOR MANAGEMENT QUESTIONNAIRE. Unpublished Report, National Wildlife Federation, Washington, D.C. 32 pages.

306. Leschner, Lora L. 1979. SPOTTED OWL - SPECIES FACT SHEET. Washington Department of Game, Olympia. 27 pages.

The author summarized details of the Spotted Owl in Washington for reference by biologists and wildlife managers. Listed museum specimens (7) and observations (198) by county.

307. LeValley, Ron and Jules Evens. 1981. THE WINTER SEASON: MIDDLE PACIFIC COAST REGION. American Birds 35(3):331-335.

308. LeValley, Ron and Jules Evens. 1981. THE NESTING SEASON: MIDDLE PACIFIC COAST REGION. American Birds 35(6):973-977.

309. Ligon, J. Stokely. 1926. HABITS OF THE SPOTTED OWL. Auk 43(4):421-429.

Described three nests located in New Mexico and discussed site tenacity, food habits, distribution, habitat, behaviour, vocalization, reproductive biology, and clutch size.

310. Ligon, J. Stokely. 1961. NEW MEXICO BIRDS AND WHERE TO FIND THEM. University of New Mexico Press, Albuquerque. 360 p.

Described the habitat and distribution of the Spotted Owl in New Mexico and briefly discussed food, roosts, and nests.

311. Lillie, H.C. 1891. AN APRIL'S OUTING. Oologist 8:200-202.

Located a Spotted Owl nest on the ground in the mountains near Santa Barbara, California. The nest contained two eggs.

312. Line, L. 1982. OWL AND THE FORESTER. Backpacker 10(1):21-22.

313. Longrie, D.P. and J. Binder. 1981. INTERIM SPOTTED OWL MANAGEMENT PLAN: MT. HOOD NATIONAL FOREST, 1981. United States Department of Agriculture Forest Service, Mt. Hood National Forest, Gresham, Oregon. 22 pages

314. Loring, J.A. 1897. UNPUBLISHED FIELD NOTES. United States Department of the Interior Fish and Wildlife Service Patuxent Wildlife Research Center, Laurel, Maryland.

Reported one Spotted Owl observed near Donner Summit, California.

315. Lucich, K.M. 1974. STATUS OF THE SPOTTED OWL ON THE SHASTA-TRINITY NATIONAL FOREST. Unpublished Report, United States Forest Service, Redding, California. 14 pages.

316. Macoun, John and James M. Macoun. 1909. CATALOGUE OF CANADIAN BIRDS. Canada Department of Mines Geological Survey Branch No. 973. Ottawa, Ontario. 761 pages.

The authors suggested the Spotted Owl was confined to the lower Fraser Valley of British Columbia where it was a rare and local resident.

317. Maillard, Joseph. 1921. NOTES ON THE BIRDS AND MAMMALS OF SISKIYOU COUNTY, CALIFORNIA. Proceedings California Academy of Science Series 4,11:87,91.

(Reported a questionable sighting of a Spotted Owl.) The owl was wary and would not permit the observer to get close enough for positive identification. The behaviour of the owl did not fit the Spotted Owl.

318. Maillard, Joseph. 1923. FIELD WORK AMONG THE BIRDS AND MAMMALS OF THE NORTHERN COAST OF CALIFORNIA IN 1921. Proceedings of the California Academy of Science Series 4, 12:1-26.

Reported a Spotted Owl heard calling on the Mattole River 5 miles south of Petrolia, California.

319. Maillard, Joseph. 1927. ADDITIONAL BREEDING RECORDS OF THE SPOTTED AND SAW-WHET OWLS IN CALIFORNIA. Condor 29:160-161.

Suggested that the Spotted Owl was fairly common in Mendocino, Humboldt, and Del Norte Counties in California. Reported a recently fledged juvenile taken near the Garcia River.

320. Mallette, Robert D. 1974. RAPTOR MANAGEMENT. California - Nevada Wildlife Transactions 1974:58-66.

321. Mallette, Robert D. and Gordon I. Gould. 1976. RAPTORS OF CALIFORNIA. California Department of Fish and Game, Sacramento, California. 85 pages.

The authors presented a short summary of the life history of the Spotted Owl.

322. Mallette, Robert R. and R.W. Schlorff. 1978. PLAN FOR CALIFORNIA RAPTORS. California Department of Fish and Game, Sacramento, California. 42 pages.

323. Mannan, R. William. 1980. ASSEMBLAGES OF BIRD SPECIES IN WESTERN CONIFEROUS OLD-GROWTH FORESTS. Pages 357-368 in R.M. DeGraff, editor. Workshop Proceedings Management of Western Forests and Grasslands for Nongame Birds. United States Department of Agriculture Forest Service General Technical Report INT-86, Ogden, Utah.

The author restated the apparent dependency of Spotted Owls upon old-growth coniferous forests for its habitat requirements.

324. Marcot, Bruce G. 1978. PROLEGEMONIA OF THE SPOTTED OWL IN SIX RIVERS NATIONAL FOREST. United States Department of Agriculture Forest Service, Six Rivers National Forest, Eureka, California. 47 pages.

Described the distribution and spacing of pairs and discusses habitat characteristics.

325. Marcot, Bruce G. 1979. A SIMPLE MODEL FOR PREDICTING NUMBER OF SPOTTED OWL TERRITORIES. Unpublished Report, United States Department of Agriculture Forest Service Six Rivers National Forest, Eureka, California. 8 pages.

Presented a mathematical model for estimating the number of Spotted Owl pairs in areas of optimal habitat. (The model assumed that home range overlap was small, when in fact, overlap may be considerable.)

326. Marcot, Bruce G. 1979. NORTH COAST-CASCADES ZONE: BIRD NARRATIVES (VOLUME 2). United States Department of Agriculture Forest Service, San Francisco, California [California Wildlife/Habitat Relationships Program].

Presented a brief summary of habitat, food, nest characteristics, reproductive biology, and home range size of the Spotted Owl. A range map was provided.

327. Marcot, Bruce G. and Jeffrey Gardetto. 1980. STATUS OF THE SPOTTED OWL IN SIX RIVERS NATIONAL FOREST, CALIFORNIA. Western Birds 11(2):79-87.

The authors calculated a density of 1.71 Spotted Owl territories per 400 ha of mature forest in Six Rivers National Forests. Distances of 26 territories to the next nearest known territory averaged 1.75 km. They propose the use of nest boxes in areas devoid of natural nest sites to enhance populations.

328. Marshall, David B. 1969. ENDANGERED PLANTS AND ANIMALS IN OREGON. III. BIRDS. Oregon State University Agricultural Station Special Report No. 278, Corvallis, Oregon. 23 pages.

Presented a status report in which the Spotted Owl was listed as endangered.

329. Marshall, Joe T. 1939. TERRITORIAL BEHAVIOUR OF THE FLAMMULATED SCREECH OWL. Condor 41(2):71-78.

Found that Flammulated Owls (Otus flammeolus) apparently avoided areas occupied by Spotted Owls.

330. Marshall, Joe T. 1942. FOOD AND HABITAT OF THE SPOTTED OWL. Condor 44:66-67.

Presented data on food habits in California and Oregon and described habitat used. Stated that in good habitat, Spotted Owl pairs were usually spaced 1 to 2 miles apart and that foraging areas covered roughly 2 square miles.

331. Marshall, Joe T. 1956. SUMMER BIRDS OF THE RINCON MOUNTAINS, SAGUARO NATIONAL MONUMENT, ARIZONA. Condor 58:81-97.

Reported a male Spotted Owl observed near Manning Camp.

332. Marshall, Joe T. 1957. BIRDS OF PINE-OAK WOODLAND IN SOUTHERN ARIZONA AND ADJACENT MEXICO. Pacific Coast Avifauna No. 32.

Described diet based on contents of three stomachs and 30 pellets of Spotted Owls. Stated that "Spotted Owls preferred dense coniferous timber on steep slopes adjacent to canyons with shady roosting sites".

333. Marti, Carl D. 1979. STATUS OF OWLS IN UTAH. Pages 29-35 in P.P. Schaeffer and S.M. Ehlers, editors. Proceedings of the symposium on owls of the west: their ecology and conservation. National Audubon Society Western Education Center, Tiburon, California.

The author reported that there were at least six sites in Zion National Park where Spotted Owls apparently breed.

334. Maser, Chris. 1965. SPOTTED OWL PREYS ON DUSKY TREE MICE. Murrelet 46:46.

A Spotted Owl collected in Oregon had the remains of two Phenacomys silvicola in its stomach.

335. Mattocks, Philip W. 1979. THE WINTER SEASON: NORTHERN PACIFIC COAST REGION. American Birds 33(3):305-308.

336. Mattocks, Philip W. and Eugene S. Hunn. 1978. THE AUTUMN MIGRATION: NORTHERN PACIFIC COAST REGION. American Birds 32(2):245-250.

337. Mattocks, Philip W. and Eugene S. Hunn. 1981. THE WINTER SEASON: NORTHERN PACIFIC COAST REGION. American Birds 35(3):328-331.

338. Mattocks, Philip W., Eugene S. Hunn and Terence R. Wahl. 1976. A CHECKLIST OF THE BIRDS OF WASHINGTON STATE, WITH RECENT CHANGES ANNOTATED. Western Birds 7(1):1-24.

The Spotted Owl was listed as a permanent resident.

339. Mayr, Ernest and Lester L. Short. 1970. SPECIES TAXA OF NORTH AMERICAN BIRDS: A CONTRIBUTION TO COMPARATIVE SYSTEMATICS. Nuttall Ornithological Club, Cambridge, Massachusetts. 127 pages.

The authors suggested that the Barred and Spotted Owls represented a superspecies complex.

340. McAtee, W.L. 1913. INDEX TO PAPERS RELATING TO THE FOOD OF BIRDS. United States Department of Agriculture Biological Survey Bulletin No. 43, Washington, D.C. 69 pages.

341. McCaskie, R. Guy. 1966. THE SPRING MIGRATION: SOUTHERN PACIFIC COAST REGION. Audubon Field Notes 20(4):545-547.

342. McCaskie, Guy. 1968. THE WINTER SEASON: SOUTHERN PACIFIC COAST REGION. Audubon Field Notes 22(3):476-480.

343. McCaskie, Guy. 1968. THE SPRING MIGRATION: SOUTHERN PACIFIC COAST REGION. Audubon Field Notes 22(4):574-578.

344. McCaskie, Guy. 1970. THE SPRING MIGRATION: SOUTHERN PACIFIC COAST REGION. Audubon Field Notes 24(4):642-646.

345. McCaskie, Guy. 1970. THE NESTING SEASON: SOUTHERN PACIFIC COAST REGION. Audubon Field Notes 24(5):715-718.

346. McCaskie, Guy. 1971. THE FALL MIGRATION: SOUTHERN PACIFIC COAST REGION. Audubon Field Notes 25(1):106-112.

347. McCaskie, Guy. 1974. THE NESTING SEASON: SOUTHERN PACIFIC COAST REGION. American Birds 28(5):948-951.

348. McCaskie, Guy. 1975. THE NESTING SEASON: SOUTHERN PACIFIC COAST REGION. American Birds 29(5):1029-1036.

349. McCaskie, Guy. 1978. THE NESTING SEASON: SOUTHERN PACIFIC COAST REGION. American Birds 32(6):1206-1211.

350. McCaskie, Guy. 1982. THE AUTUMN MIGRATION: SOUTHERN PACIFIC COAST REGION. American Birds 36(2):216-221.

351. McCaskie, Guy. 1982. THE WINTER SEASON: SOUTHERN PACIFIC COAST REGION. American Birds 36(3):330-332.

352. McCaskie, Guy, Pierre De Villers, Alan M. Craig, Clifford R. Lyons, Virginia P. Coughran and Jean T. Craig. 1970. A CHECKLIST OF THE BIRDS OF CALIFORNIA. Western Birds 1:4-28.

353. McKee, Edwin D. 1932. ARIZONA SPOTTED OWL AT GRAND CANYON. Grand Canyon Nature Notes 6:28.

Reported a female Spotted Owl found dead at Indian Gardens.

354. McKee, Edwin D. 1933. THE HERMIT OF HORN CREEK. Grand Canyon Nature Notes 7:116-118.

Reported three Spotted Owls observed in Northern Arizona, including two in the Grand Canyon.

355. McLean, D.D. 1925. A REMARKABLE BIRD VOCABULARY. Yosemite Nature Notes 4:19.

Reported a pair of Spotted Owls observed near Bower Cave in Yosemite National Park with a popularized description of vocalization.

356. McLean, D.D. 1928. THE OWLS OF CALIFORNIA. California Department Natural Resources Teacher's Bulletin No. 10:1-16.

Presented a brief popular account of the Spotted Owl in California for use by teachers.

357. Mengel, Dennis and William Ruediger. 1980. INTERIM SPOTTED OWL MANAGEMENT PLAN FOR THE GIFFORD PINCHOT NATIONAL FOREST. United States Department of Agriculture Forest Service Pacific Northwest Region Report, Vancouver, Washington. 137 pages.

Provided site-specific data on areas managed for Spotted Owls.

358. Merilees, William J. 1962. PACIFIC NEST RECORD SCHEME 8TH ANNUAL REPORT. Mimeo Report, University of British Columbia Department of Zoology, Vancouver. 28 pages.

Listed the first breeding record for British Columbia added to the Pacific Nest Records Scheme.

359. Merriam, C. Hart. 1898. Syrnium occidentale caurinum, A NEW OWL FROM THE PUGET SOUND REGION. Auk 15(1):39-40.

Reported a sighting and the collection of several Spotted Owls in Washington. Compared plumages of Strix occidentalis occidentalis and Strix occidentalis caurinum.

360. Meslow, E. Charles. 1978. THE RELATIONSHIP OF BIRDS TO HABITAT STRUCTURE - PLANT COMMUNITIES AND SUCCESSIONAL STAGES. Pages 12-18 In R.M. DeGraff, editor. Proceedings of the workshop on nongame bird habitat management in the coniferous forests of the Western United States. United States Department of Agriculture Forest Service Pacific Northwest Forest and Range Experiment Station General Technical Report PNW-64, Portland, Oregon.

Listed the Spotted Owl as a resident of old-growth and mature forests and suggested that such species have evolved as specialists.

361. Meslow, E. Charles, Chris Maser, and Jared Verner. 1981. OLD GROWTH FOREST AS WILDLIFE HABITAT. Transactions North America and Natural Resources Conference 46:329-335.

362. Meslow, E. Charles and Howard M. Wight. 1975. AVIFAUNA AND SUCCESSION IN DOUGLAS-FIR FORESTS OF THE PACIFIC NORTHWEST. Pages 266-271 In

R.D. Smith, editor. Proceedings of the symposium on management of forest and range habitats for nongame birds. United States Department of Agriculture Forest Service General Technical Report WO-1, Washington, D.C.

363. Metcalf, F.P. 1915. UNPUBLISHED FIELD NOTES. United States Department of the Interior Fish and Wildlife Service Patuxent Wildlife Research Centre, Laurel, Maryland.

Reported one Spotted Owl observed in 1915 near Camp Mora, Callam County, Washington.

364. Metcalf, T. Nelson. 1967. BIRDS OF THE SANTA BARBARA REGION. Santa Barbara Museum of Natural History Occasional Paper No. 8, Santa Barbara, California. 40 pages.

365. Michael, Charles W. 1933. THE CALIFORNIA SPOTTED OWL IN YOSEMITE VALLEY, CALIFORNIA. Condor 35:202-203.

Described the habitat where a pair of Spotted Owls was observed. Also described "pellets" that were full of muskmelon seeds, eggshells, fur of ground squirrel, small mammal bones, and pieces of bone from a pork or a mutton chop. (We believe that he mistook the feces of an omnivorous mammal for owl pellets.)

366. Michael, Charles W. 1934. SPOTTED OWL. Yosemite Nature Notes 13:73-75.

Presented a popularized report about a juvenile Spotted Owl found near Mirror Lake in Yosemite National Park, California, and raised in semi-captivity.

367. Miller, Aldon H. 1933. THE RED TREE-MOUSE PREYED UPON BY THE SPOTTED OWL. Journal Mammalogy 14:162.

Collected a Spotted Owl near the Eel River, Mendocino County, California, that had eaten a red tree-vole. Suggested that the Spotted Owl may be an important predator on the red tree-mouse.

368. Miller, Aldon H. 1934. THE VOCAL APPARATUS OF SOME NORTH AMERICAN OWLS. Condor 36(5):204-213.

Discussed sexual differences in syrinx structure and size of the Spotted Owl and other owls.

369. Miller, Grace M. 1974. GRACE MILLER ON SPOTTED OWLS. Pages 130-146 in L.W. Walker, editor. The book of owls. Alfred A. Knopf, New York.

The author watched a pair of Spotted Owls for 7 years and presented an account of their behaviour. The pair nested 5 out of the 7 years.

370. Miller, Loye. 1952. AUDITORY RECOGNITION OF PREDATORS. Condor 54:89-92.

The author found that Flammulated Owls responded vocally when Spotted Owl calls were imitated nearby.

371. Mires, Gerald W. 1976. SUPPLEMENTAL REPORT OF THE 1976 NORTHERN SPOTTED OWL SURVEY. Unpublished Report, United States Department of the Interior Bureau of Land Management, Roseburg, Oregon. 16 pages.

Discussed habitat, seasonal changes in responsiveness to vocal stimulation, reproductive chronology, methods for locating nests, and general behaviour. Described some of the problems with interpretation of data collected with calling surveys.

372. Mitchell, Walton I. 1898. THE SUMMER BIRDS OF SAN MIGUEL COUNTY, NEW MEXICO. Auk 15:306-311.

The author observed two Spotted Owls at 9,500 foot elevation in the "pine district", about 20 miles from Los Vegas.

373. Monson, Gale. 1950. THE FALL MIGRATION: GREAT BASIN - CENTRAL ROCKY MOUNTAIN REGION. Audubon Field Notes 4(1):26-30.

374. Monson, Gale. 1955. THE NESTING SEASON: SOUTHWEST REGION. Audubon Field Notes 9(5):393-395.

375. Monson, Gale. 1961. THE FALL MIGRATION: GREAT BASIN, CENTRAL ROCKY MOUNTAIN REGION. Audubon Field Notes 15(1):61-66.

376. Monson, Gale. 1972. THE FALL MIGRATION: SOUTHWEST REGION. American Birds 26(1):100-104.

377. Monson, Gale and Allan R. Phillips. 1981. ANNOTATED CHECKLIST OF THE BIRDS OF ARIZONA. University of Arizona Press, Tuscon, Arizona. 240 pages.

Reported sightings of Spotted Owls near Tucson and Supai are listed.

378. Morrison, Charles F. 1889. A LIST OF THE BIRDS OF COLORADO. Ornithologist and Oologist 14:66-68.

Reported that a "Spotted Owl" collected by Smith (475) was not a Spotted Owl; the kind of owl was not mentioned. Also stated that he observed Spotted Owls in La Plata County, Colorado, but did not collect any specimens.

379. Mosher, J.A., C.M. White, J.R. Murphy and M.A. Jenkins. 1978. RAPTORS OF THE VINTA NATIONAL FOREST, UTAH. Great Basin Naturalist 38(4):438-446.

380. Munro, James A. 1918. NOTES ON SOME BRITISH COLUMBIA BIRDS. Auk 35(2):234-235.

Reported a Spotted Owl collected near Klesilkwa Creek in the Hope Mountains.

381. Munro, James A. and Ian McT. Cowan. 1947. A REVIEW OF THE BIRD FAUNA OF BRITISH COLUMBIA. British Columbia Provincial Museum Special Publication No 2, Victoria. 285 pages.

The authors listed six specimens of Spotted Owls collected from southwestern British Columbia.

382. Munro, William T. 1979. PRELIMINARY RAPTORIAL MANAGEMENT PLAN FOR BRITISH COLUMBIA. British Columbia Fish and Wildlife Branch, Victoria. 17 pages.

(This report was the first attempt to establish provincial objectives, policy, management prescriptions and problems relating to all raptorial birds [including Spotted Owls] for British Columbia.)

383. Munro, William T. 1982. PROGRAMS AND POLICIES RELATING TO RAPTOR MANAGEMENT IN BRITISH COLUMBIA. Pages 30-34 in W.N. Ladd and P.F. Schempt, editors. Proceedings of a Symposium and Workshop. Raptor Management and Biology in Alaska and Western Canada. United States Department of the Interior, Fish and Wildlife Service, Anchorage, Alaska.

The author listed objectives for management of raptors and policies governing raptors in British Columbia. The status of the Spotted Owl in the province remains unknown.

384. Nelson, E.W. 1903. DESCRIPTIONS OF NEW BIRDS FROM SOUTHERN MEXICO. Proceedings Biological Society of Washington 16:151-160.

Described the type specimen of Strix occidentalis lucida collected on Mount Tancitaro, Michoacan, Mexico. Mentions another specimen collected in Guanajuato, Mexico.

385. Nero, Robert W. 1980. THE GREAT GRAY OWL - PHANTOM OF THE NORTHERN FOREST. Smithsonian Institution Press, Washington, D.C. 167 pages.

The author considered the Spotted Owl as the Great Gray Owl's (Strix nubulosa) closest relative in North America. Both species were thought to be equally bold or docile.

386. Norris, J.P. 1886. NESTING OF THE SPOTTED OWL. Ornithologist and Oologist 11:42.

Reported a set of two eggs taken from a nest on the ground near Riverside, California.

387. Oberholser, Harry C. 1902. SOME NOTES FROM WESTERN TEXAS. Auk 19:300.

Reported that the species was observed in the Guadalupe Mountains.

388. Oberholser, Harry C. 1915. CRITICAL NOTES ON THE SUBSPECIES OF THE SPOTTED OWL (Strix occidentalis (XANTUS)). Proceedings United States National Museum 49(2106):251-257.

Compared plumage characteristics of Strix occidentalis occidentalis, Strix occidentalis caurina, Strix occidentalis lucida and advocated combining Strix occidentalis caurina and Strix occidentalis occidentalis. Suggested that there were two colour phases in the Spotted Owl but apparently did not consider that freshly molted specimens may have been compared with specimens with older plumage.

389. Oberholser, Harry C. 1974. THE BIRD LIFE OF TEXAS (VOLUME 1). University of Texas Press, Austin. 530 pages.

Reported the Spotted Owl as a resident of the Guadalupe Mountains, where there were records from McKittrick Canyon and "The Bowl". Listed one specimen and described plumages and molts. The molt was incorrectly described as being complete annually.

390. Olendorff, Richard R. 1980. WESTERN RAPTOR MANAGEMENT STUDIES PROJECTS: A SUGGESTION. Unpublished Report, United States Bureau of Land Management, Sacramento, California. 15 pages.

391. Olendorff, Richard R. 1983. RAPTOR MANAGEMENT INFORMATION SYSTEM. United States Bureau of Land Management, Sacramento, California. 17 pages.

392. Olendorff, Richard R. and M.N. Kochert. 1977. LAND MANAGEMENT FOR THE CONSERVATION OF BIRDS OF PREY. Pages 294-307 in R.D. Chancellor, editor. Report of Proceedings on World Conference on Birds of Prey.

393. Olendorff, Richard R., Robert S. Motroni and Mayo W. Call. 1980. RAPTOR MANAGEMENT - THE STATE OF THE ART IN 1980. United States Department of the Interior Bureau of Land Management Technical Note No. 345, Denver, Colorado. 56 pages.

394. Olendorff, Richard R. and W.D. Zeedyk. 1978. LAND MANAGEMENT FOR THE CONSERVATION OF ENDANGERED BIRDS. Pages 419-428 In S.A. Temple, editor. Endangered Birds: Management Techniques for Preserving Threatened Species. University of Wisconsin Press, Madison.

Listed the Spotted Owl as a species for which the United States Forest Service has invested substantially in gathering inventory data.

395. O'Neal, C.H. 1927. SPOTTED OWLS SEEN IN YOSEMITE. Yosemite Nature Notes 6:60-61.

Reported an adult and two young observed in Indian Canyon, Yosemite National Park, California.

396. Oregon and Washington Interagency Wildlife Committee. 1980. OREGON INTERAGENCY SPOTTED OWL MANAGEMENT PLAN. Unpublished Report, Oregon Department of Fish and Wildlife, Portland, Oregon. 2 pages.

This management plan superceded the 1977 plan. The new plan recommended that in addition to 300 acres of old growth forest around each nest, an additional 700 acres of old growth be retained within a 1.5-mile radius of the nest.

397. Oregon Endangered Species Task Force. 1977. OREGON INTERAGENCY SPOTTED OWL MANAGEMENT PLAN. Unpublished Report, Oregon Department of Fish and Wildlife, Portland, Oregon. 3 pages.

398. Oregon State Game Commission. 1961. OREGON'S OWLS. Oregon State Game Commission Leaflet No. 15, Portland, Oregon. 4 pages.

Presented a brief description of the distribution and description of the Spotted Owl.

399. Pacific Gas and Electric Company. 1977. DISTRIBUTION AND ABUNDANCE OF WILDLIFE POPULATIONS IN RELATION TO GEOTHERMAL DEVELOPMENT. Unpublished Report, Pacific Gas and Electric Company, San Ramon, California. 184 pages.

400. Payne, Ernest A. CALIFORNIA SPOTTED OWL. Yosemite Nature Notes 15:67.

Reported a Spotted Owl observed near Snow Creek Falls trail in Yosemite National Park, California.

401. Paz, A.H., D. Mengel, W. Ruediger and E. Garcia. 1979. GIFFORD PINCHOT NATIONAL FOREST SPOTTED OWL SURVEY AND HABITAT ANALYSIS. United States Department of Agriculture Forest Service Gifford Pinchot National Forest, Vancouver, Washington. 14 pages.

Reported that most Spotted Owls in the Gifford Pinchot National Forest were found near 2,600 ft (792 m) in elevation with a range of 1,100 to 4,100 ft (335-1250 m).

402. Pearson, T. Gilbert (editor). 1936. BIRDS OF AMERICA. Garden City Publishing Co., Inc., Garden City, New York. 289 pages.

Presented a brief species account of the Spotted Owl.

403. Peters, James L. 1940. CHECKLIST OF BIRDS OF THE WORLD (VOLUME 4). Harvard University Press, Cambridge, Massachusetts. 291 pages.

Reported taxonomy and general distribution of Spotted Owls.

404. Peterson, Roger T. 1941. A FIELD GUIDE TO WESTERN BIRDS. Houghton Mifflin Co., Boston. 239 pages.

Presented a brief account of the Spotted Owl.

405. Peterson, Steven R. 1980. THE ROLE OF BIRDS IN WESTERN COMMUNITIES. Pages 6-12 in R.M. Degraff, editor. Workshop Proceedings Management of Western Forests and Grasslands for Nongame Birds. United States Department of Agriculture Forest Service General Technical Report INT-86, Ogden, Utah.

Used the Spotted Owl as an example of an indicator for assessing habitat quality or condition (i.e. old growth woodlands).

406. Pettingill, Olin S. 1981. A GUIDE TO BIRD FINDING WEST OF THE MISSISSIPPI (SECOND EDITION). Oxford University Press, New York, New York. 783 pages.

Listed areas where Spotted Owls were regularly observed in Arizona, California, New Mexico, Oregon, Texas, Utah, and Washington.

407. Peyton, Lawrence. 1909. FROM CALIFORNIA. Oologist 26:93-94.

The author described a Spotted Owl nest in a hole in a cliff. He collected two eggs from the nest in 1909.

408. Peyton, Lawrence. 1910. NESTING OF THE SPOTTED OWL IN NORTHEASTERN LOS ANGELES COUNTY, CALIFORNIA. Condor 12:122-123.

In 1910 the author returned to the nest described in his 1909 paper and collected a set of three eggs and both adults.

409. Phillips, Allan R., Joe T. Marshall and Gale Monson. 1964. THE BIRDS OF ARIZONA. The University of Arizona Press, Tucson. 212 pages.

Described general distribution and habitat of the Spotted Owl in Arizona and suggested that the species was absent from most or all areas occupied by the Great Horned Owl in Arizona.

410. Pierce, Wright M. 1916. SPOTTED OWL FROM THE SAN GABRIEL CANYON, LOS ANGELES COUNTY, CALIFORNIA. Condor 18:223.

The author collected an adult male Spotted Owl.

411. Pollock, A.L. 1925. EXCURSIONS ABOUT BIRDLAND FROM THE ROCKIES TO THE PACIFIC. Independent Community Printers. Inc., Seattle, Washington.

412. Postovit, Howard R. 1977. A SURVEY OF THE SPOTTED OWL IN NORTHWEST WASHINGTON. National Forest Products Association, Washington, D.C. 15 pages.

Calling census revealed that Spotted Owls were fairly common in old growth forests than in young second-growth forests.

413. Pough, Richard H. 1946. AUDUBON BIRD GUIDE. Doubleday & Company, New York. 312 pages.

Presented a brief account of the Spotted Owl.

414. Pough, Richard H. 1957. AUDUBON WESTERN BIRD GUIDE. Doubleday & Company, Garden City, New York. 316 pages.

Presented a brief species account of the Spotted Owl.

415. Powers, L.R. 1981. NESTING BEHAVIOUR OF THE FERRUGINOUS HAWK (Buteo regalis). Ph.D. Thesis, Idaho State University, Pocatello. 312 pages.

416. Preble, E.A. 1897. UNPUBLISHED FIELD NOTES. United States Department of the Interior Fish and Wildlife Service Patuxent Wildlife Research Center, Laurel, Maryland.

Report of a Spotted Owl collected near Mount Vernon, Washington.

417. Prill, A.G. 1928. GENERAL NOTES - SOME OREGON RECORDS. Wilson Bulletin 40(2):112.

Reported a pair of Spotted Owls observed near Scio, Oregon. The male was collected.

418. Pyle, Robert L. 1951. THE NESTING SEASON: MIDDLE PACIFIC COAST REGION. Audubon Field Notes 5(5):306-309.

419. Racey, Kenneth. 1944. EXTENSION OF RANGE OF THE NORTHERN SPOTTED OWL (Strix occidentalis caurina). Canadian Field Naturalist 58(3):104.

Reported an adult female captured in a weasel trap near Alta Lake, B.C. The owl had eaten a Grey Jay (Perisoreus canadensis).

420. Racey, Kenneth. 1948. BIRDS OF THE ALTA LAKE REGION, BRITISH COLUMBIA. Auk 65(3):383-401.

Reported a specimen taken and a sighting of Spotted Owls.

421. Ramsey, Fred L. 1978. BIRDING OREGON. Corvallis Audubon Society, Oregon. 176 pages.

Briefly explained how and where to look for Spotted Owls in Oregon.

422. Rathbun, Samuel F. 1911. NOTES ON BIRDS OF SEATTLE, WASHINGTON. Auk 28:492-494.

Reported a Spotted Owl collected from the Seattle area.

423. Rathbun, Samuel F. 1916. THE LAKE CRESCENT REGION, OLYMPIC MOUNTAINS, WASHINGTON, WITH NOTES REGARDING ITS AVIFAUNA. Auk 33:357-370.

Reported that one Spotted Owl was heard calling.

424. Reed, Chester A. 1904. NORTH AMERICAN BIRDS EGGS. Doubleday, Page & Company, New York. 356 pages.

Presented a brief description of the bird, its range, nest description and egg colour and sizes for the Spotted Owl (Syrnium occidentale) and Northern Spotted Owl (S. o. courinum).

425. Reilly, Edgar M. 1968. THE AUDUBON ILLUSTRATED HANDBOOK OF AMERICAN BIRDS. McGraw-Hill, New York. 524 p.

Presented a brief species account of the Spotted Owl.

426. Remsen, Van and David A. Gaines. 1973. THE SPRING MIGRATION: MIDDLE PACIFIC COAST REGION. American Birds 27(4):813-818.

427. Remsen, J. 1977. THE SPECIES OF SPECIAL CONCERN LIST: AN ANNOTATED LIST OF DECLINING OR VULNERABLE BIRD SPECIES IN CALIFORNIA. Western Field Ornithologist. 59 p.

428. Remsen, J.V. 1978. BIRD SPECIES OF SPECIAL CONCERN IN CALIFORNIA. California Department of Fish and Game Wildlife Management Branch Administration Report No. 78-1. 54 pages.

429. Rhoads, Samuel N. 1892. THE BIRDS OF SOUTHEASTERN TEXAS AND SOUTHERN ARIZONA OBSERVED DURING MAY, JUNE AND JULY, 1891. Proceedings Philadelphia Academy of Natural Sciences 1892:115-116.

The author stated that he observed several Spotted Owls in the rocky hills near Tucson.

430. Rhoads, Samuel N. 1893. THE BIRDS OBSERVED IN BRITISH COLUMBIA AND WASHINGTON DURING SPRING AND SUMMER, 1892. Proceedings Academy Natural Sciences Philadelphia 21-65.

The author mentioned a Spotted Owl that was collected near Tacoma.

431. Rhoads, Samuel N. 1893. NOTES ON CERTAIN WASHINGTON AND BRITISH COLUMBIA BIRDS. Auk 10(1):16-24.

Reported the first record of the Spotted Owl in Washington. Two specimens were collected in 1892 near Tacoma on the west slope of the Cascade Range.

432. Richardson, C.H. 1906. CANNIBALISM IN OWLS. Condor 8(2):57.

Reported a Spotted Owl collected near Pasadena, California that had the remains of a Pygmy Owl in its stomach.

433. Ridgway, Robert. 1874. TWO RARE OWLS FROM ARIZONA. American Naturalist 8:239-240.

Reported a Spotted Owl collected by Charles Bendire (54) near Tucson on 7 November 1872.

434. Ridgway, Robert. 1887. A MANUAL OF NORTH AMERICAN BIRDS. J.B. Lippincott Co., Philadelphia. 631 pages.

Discussed identification features and measurements of the Spotted Owl (Syrnium occidentale). Habitat descriptions included highlands of Mexico, north to New Mexico, Arizona and California.

435. Ridgway, Robert. 1914. THE BIRDS OF NORTH AND MIDDLE AMERICA. United States National Museum Bulletin No. 50, Washington, D.C. 882 pages.

Four subspecies of the Spotted Owl were listed, Strix occidentalis occidentalis (Spotted Owl), S. o. courina (Northern Spotted Owl), S. o. huachucae (Arizona Spotted Owl) and S. o. lucida (Mexican Spotted Owl). Descriptions and measurements were given for adults and young. Synonyms for each subspecies were also listed.

436. Rieck, Carl A. 1975. TO WATCH, OR TO HUNT, TO HELP, OR TO COMPLAIN. Washington Wildlife 27:6-9.

Briefly mentioned the concern for the Spotted Owl in Washington State.

437. Robbins, Chandler S., Bertel Bruun and Herbert S. Zim. 1966. A GUIDE TO FIELD IDENTIFICATION - BIRDS OF NORTH AMERICA. Golden Press, New York. 340 pages.

Presented a brief description of the field characteristics of the Spotted Owl and a range map.

438. Robertson, Howard and Harry S. Swarth. 1900. [NO TITLE]. Condor 2:133.

Reported two Spotted Owls collected in the mountains near Los Angeles, California.

439. Rodgers, John. 1978. SHOREBIRDS AND PREDATORS OF BRITISH COLUMBIA. J.J. Douglas Ltd., Vancouver. 199 pages.

Presented a popular account of the Spotted Owl in British Columbia. The author mentioned a record of a Spotted Owl captured on a Vancouver street with a Rock Dove (Columba livia) in its talons.

440. Rogers, Thomas H. 1974. THE NESTING SEASON: NORTHERN ROCKY MOUNTAIN - INTERMOUNTAIN REGION. American Birds 28(5):925-929.

441. Rogers, Thomas H. 1978. THE AUTUMN MIGRATION: NORTHERN ROCKY MOUNTAIN - INTERMOUNTAIN REGION. American Birds 32(2):231-235.

442. Rogers, Thomas H. 1980. THE SPRING MIGRATION: NORTHERN ROCKY MOUNTAIN - INTERMOUNTAIN REGION. American Birds 34(5):797-800.

443. Rogers, Thomas H. 1982. THE SPRING MIGRATION: NORTHERN ROCKY MOUNTAIN - INTERMOUNTAIN REGION. American Birds 36(5):875-877.

444. Rogers, Thomas H. 1982. THE NESTING SEASON: NORTHERN ROCKY MOUNTAIN - INTERMOUNTAIN REGION. American Birds 36(6):998-1000.

445. Rosenberg, Kenneth V., John P. Hubbard and Gary H. Rosenberg. 1981. SOUTHWEST REGION. American Birds 35(3):323-326.

446. Rosenberg, Kenneth V., John P Hubbard and Gary H. Rosenberg. 1981. SOUTHWEST REGION. American Birds 35(6):966-969.

447. Russell, C.P. 1924. AN OWL THAT BARKS. Yosemite Nature Notes 3:5.

Reported a Spotted Owl heard and seen near the bear feeding platform in Yosemite National Park, California.

448. Sams, James R. and Ken Stott. 1959. BIRDS OF SAN DIEGO COUNTY, CALIFORNIA: AN ANNOTATED CHECKLIST. Occasional Papers of the San Diego Society of Natural History 10:21.

The authors reported sightings of Spotted Owls at Cuyamaca State Park, Oceanside, and Bolcan Mountain.

449. Santa Barbara Bird Club. 1921. NOTABLE OCCURRENCES AT SANTA BARBARA. Journal Museum of Comparative Oology 2:45.

Reported a Spotted Owl observed in Romero Canyon, California.

450. Schneeyas, Edward R. 1975. NATIONAL FOREST NONGAME BIRD MANAGEMENT. Pages 314-317 In D.R. Smith, editor. Proceedings of the symposium on management of forest and range habitats for nongame birds. United States Department of Agriculture Forest Service General Technical Report No-1, Washington, D.C.

Briefly described management techniques that have been used to protect Spotted Owl nests.

451. Schoenholtz, Rob. 1979. SPOTTED OWL SURVEY. Unpublished Report, United States Department of Agriculture Forest Service, Eldorado, Placerville, California. 12 pages.

Reported 30 Spotted Owl territories located on the Eldorado National Forest. Described habitats in which the owls were located and discussed management.

452. Schoenholtz, Rob. 1980. SPOTTED OWLS ON THE ELDORADO NATIONAL FOREST. Unpublished Report, United States Department of Agriculture Forest Service, Placerville, California. 30 pages.

Updated authors' 1979 (451) report. Eighty-five Spotted Owl territories were located on the Eldorado National Forest. Also described habitats in which the owls were located.

453. Schultz, Zella M. 1957. THE NESTING SEASON: NORTHERN PACIFIC COAST REGION. Audubon Field Notes 11(5):425-428.

454. Sclater, William L. 1912. A HISTORY OF THE BIRDS OF COLORADO. Witherby & Co., London. 576 pages.

Reported three early records of Spotted Owls in Colorado, at least one of which was an error.

455. Scott, J. Michael, Thomas W. Haislip and Margaret A. Thompson. 1972. A BIBILIOGRAPHY OF OREGON ORNITHOLOGY (1935-1970), WITH A CROSS-REFERENCED LIST OF THE BIRDS OF OREGON. Northwest Science 46:122-139.

The authors listed six references to the Spotted Owl.

456. Scott, Oliver K. 1959. THE FALL MIGRATION: GREAT BASIN, CENTRAL ROCKY MOUNTAIN REGION. Audubon Field Notes 13(1):51-53.

457. Scott, Virgil E., Keith E. Evans, David R. Patton and Charles P. Stone. 1977. CAVITY NESTING BIRDS IN NORTH AMERICAN FORESTS. United States Department of Agriculture Forest Service Agriculture Handbook No. 511, Washington, D.C. 112 pages.

A short summary of nest characteristics and life history of Spotted Owls was presented.

458. Shea, D.S. 1974. BARRED OWL RECORDS IN WESTERN MONTANA. Condor 76:222.

Found that Barred Owls were fairly common in the Glacier National Park area. (This result indicated that an earlier report of a Spotted Owl seen in Montana by Weydemeyer (558) may have been a case of mistaken identity; also see Wright (583).)

459. Shelton, A.C. 1917. A DISTRIBUTIONAL LIST OF THE LAND BIRDS OF WEST CENTRAL OREGON. University Oregon Bulletin 14(4):1-51

460. Simas, Karol J. and Judith D. Wickham. 1980. 1980 SPOTTED OWL BREEDING AND NEST SURVEY. Unpublished Report, United States Department of the Interior Bureau of Land Management, Coos Bay, Oregon. 55 pages.

Described nesting habitat and behaviour.

461. Sisco, Chuck. 1981. WINTER HABITAT USE BY NORTHERN SPOTTED OWLS. Unpublished Report, United States Department of Agriculture Forest Service, Eureka, California. 14 pages.

An interim report which described a radiotelemetry study of habitat use and home range characteristics.

462. Sisco, Chuck 1982. WINTER HABITAT USE BY FIVE RADIO-TAGGED NORTHERN SPOTTED OWLS. Unpublished Report, United States Department of Agriculture Forest Service Six Rivers National Forest, Eureka, California. 69 pages.

An interim report which described habitat use and home range characteristics of Spotted Owls. (The author incorrectly stated that winter habitat use had not been previously studied; Forsman (182) examined this subject in considerable detail.)

463. Slipp, J.W. 1946. SOME RECORDS OF THE SPOTTED OWL IN WASHINGTON STATE. Condor 48:283.

Reported several specimens collected from Washington.

464. Small, Arnold. 1952. THE FALL MIGRATION: SOUTHERN PACIFIC COAST REGION. Audubon Field Notes 6(1):37-39.

465. Small, Arnold. 1954. THE WINTER SEASON: SOUTHERN PACIFIC COAST REGION. Audubon Field Notes 8(3):268-272.

466. Small, Arnold. 1959. THE FALL MIGRATION: SOUTHERN PACIFIC COAST REGION. Audubon Field Notes 13(1):60-67.

467. Small, Arnold. 1959. THE SPRING MIGRATION: SOUTHERN PACIFIC COAST REGION. Audubon Field Notes 13(4):398-402.

468. Small, Arnold. 1959. THE NESTING SEASON: SOUTHERN PACIFIC COAST REGION. Audubon Field Notes 13(5):454-456.

469. Small, Arnold. 1961. THE FALL MIGRATION: SOUTHERN PACIFIC COAST REGION. Audubon Field Notes 15(1):73-78.

470. Small, Arnold. 1961. THE WINTER SEASON: SOUTHERN PACIFIC COAST REGION. Audubon Field Notes 15(3):356-357.

471. Small, Arnold. 1961. THE SPRING MIGRATION: SOUTHERN PACIFIC COAST REGION. Audubon Field Notes 15(4):436-440.

472. Small, Arnold. 1963. THE FALL MIGRATION: SOUTHERN PACIFIC COAST REGION. Audubon Field Notes 17(1):66-71.

473. Small, Arnold. 1974. THE BIRDS OF CALIFORNIA. Winchester Press, New York, New York. 310 pages.

474. Smith, Christopher C. 1963. FIRST BREEDING RECORD OF THE SPOTTED OWL IN BRITISH COLUMBIA. Condor 65(5):440.

Described a site where two fledged young were observed and listed prey species found in a small sample of pellets.

475. Smith, Horace G. 1856. SOME ADDITIONS TO THE AVIFAUNA OF COLORADO. Auk 3:284-286.

Reported a Spotted Owl collected in a "wet marshy place grown up to coarse grass". This record was later retracted by Morrison (378).

476. Snider, Patricia R. 1970. THE WINTER SEASON: SOUTHWEST REGION. Audubon Field Notes 24(3):526-528.

477. Snyder, Noel F.R. and James W. Wiley. 1976. SEXUAL SIZE DIMORPHISM IN HAWKS AND OWLS OF NORTH AMERICA. Ornithological Monographs No. 20, Lawrence, Kansas. 95 pages.

The diet of Spotted Owls estimated from a sample of 176 prey items analyzed was 57.4% invertebrates and 42.6% vertebrates, of which mammals (37.5%) were the main component. Wing chords, culmen and weight measurements were presented for each sex.

478. Solis, David M. 1980. SPOTTED OWL (Strix occidentalis) BIBLIOGRAPHY. Unpublished Report, Humboldt State University, Arcata, California. 12 pages.

A bibliography that contained numerous references.

479. Solis, David M. 1980. HABITAT USE BY RADIO-TAGGED NORTHERN SPOTTED OWLS ON THE SIX RIVERS NATIONAL FOREST. Unpublished Report, United States Department of Agriculture Forest Service Six Rivers National Forest, Eureka, California. 32 pages.

Presented an interim report which described the initiation of a radiotelemetry study.

480. Solis, David M. 1982. SPOTTED OWL SURVEY AND SOMA HABITAT CHARACTERISTICS RECOMMENDATIONS. Unpublished Report, United States Forest Service Six Rivers National Forest, Eureka, California. 6 pages.

481. Solis, David M. 1984. HABITAT ECOLOGY OF THE SPOTTED OWL IN NORTHWESTERN CALIFORNIA. M.S. Thesis, Humboldt State University, Arcata, California (in preparation).

Used radiotelemetry to observe 10 owls. Describes home range characteristics, habitat use, and habitat structure.

482. Solis, David M. and R.J. Gutierrez. 1982. SPOTTED OWL HABITAT USE ON SIX RIVERS NATIONAL FOREST, HUMBOLDT COUNTY, CALIFORNIA. Unpublished Report, United States Department of Agriculture Forest Service Service Six Rivers National Forest, Eureka, California. 230 pages.

Presented an interim report describing results of an ongoing study on habitat use and home range characteristics.

483. Solis, David M. and Chuck Sisco. 1981. HABITAT USE BY RADIO-TAGGED NORTHERN SPOTTED OWLS ON THE SIX RIVERS NATIONAL FOREST. Unpublished Report, United States Department of Agriculture Forest Service Six Rivers National Forest, Eureka, California. 31 pages.

An interim report describing the initiation of a radiotelemetry study.

484. Southern Willamette Ornithological Club. 1978 THE SEVENTY-EIGHTH AUDUBON CHRISTMAS BIRD COUNT - ALMA-UPPER SUISLAW, OREGON. American Birds 32(4):841.

485. Southern Willamette Ornithological Club. 1979. THE SEVENTY-NINTH AUDUBON CHRISTMAS BIRD COUNT - ALMA-UPPER SUISLAW, OREGON. American Birds 33(4):635.

486. Sparks, John and Tony Soper. 1970. OWLS: THEIR NATURAL AND UNNATURAL HISTORY. Taplinger Publishing Co., New York. 206 pages.

Presented a general introduction to owls, including adaptations, life histories and legends.

487. Spencer, George J. 1957. FURTHER RECORDS OF MALLOPHAGA FROM BRITISH COLUMBIA BIRDS. Proceedings of the Entomological Society of British Columbia 53:3-10.

The author found the lice Strigiphilus syrnii (Packard) on a Spotted Owl from British Columbia.

488. Stager, Kenneth E. 1949. THE NESTING SEASON: MIDDLE PACIFIC COAST REGION. Audubon Field Notes 3(5):250-252.

489. Stallcup, Rich, Dave DeSante and Russell Greenberg. 1975. THE FALL MIGRATION: MIDDLE PACIFIC COAST REGION. American Birds 29(1):112-119.

490. Stallcup, Rich and Russell Greenberg. 1974. THE WINTER SEASON: MIDDLE PACIFIC COAST REGION. American Birds 28(3):684-691.

491. Stallcup, Rich and Jon Winter. 1975. THE SPRING MIGRATION: MIDDLE PACIFIC COAST REGION. American Birds 29(4):902-906.

492. Stallcup, Rich and Jon Winter. 1975. THE NESTING SEASON: MIDDLE PACIFIC COAST REGION. American Birds 29(5):1025-1029.

493. Stallcup, Rich and Jon Winter. 1976. THE SPRING MIGRATION: MIDDLE PACIFIC COAST REGION. American Birds 30(4):882-886.

494. Staricka, C.A. 1975. SPOTTED OWL. Pages 389-392 in R.L. Eaton, editor. Marine Shoreline Fauna of Washington: A status survey. Volume 1. Washington Department of Game Report, Olympia.

A summary was presented of information on the Spotted Owl in Washington State to assess its status. Categories included former and present distribution, habitat, breeding parameters, and management recommendations. It was listed as potentially threatened in Washington.

495. Stearn, W. 1978. THE NORTHERN SPOTTED OWL ON THE MT. BAKER - SNOQUALMIE NATIONAL FOREST (PRELIMINARY B.U.M.P.). United States Department of Agriculture Mt. Baker - Snoqualmie National Forest, Seattle, Washington. 5 pages.

496. Stebbins, Cyril A. and Robert C. Stebbins. 1962. BIRDS OF YOSEMITE NATIONAL PARK, CALIFORNIA. Yosemite Natural History Association, California. 77 pages.

497. Steele, Ed S. 1927. FOOD OF THE SPOTTED OWL. Condor 29:123.

The author observed a brood of three fledged young in a shady canyon west of Reserve, New Mexico. The author described what a fledgling Spotted Owl in captivity would and would not eat.

498. Steenhof, Karen. 1983. PREY WEIGHTS FOR COMPUTING PERCENT BIOMASS IN RAPTOR DIETS. Raptor Research 17(1):15-27.

The author provided standard weights for prey items in food habit studies of North American raptors.

499. Stephens, Frank. 1892. NOTES ON Syrnium occidentale. Auk 9:392-393.

The author collected two adult and one young Spotted Owl from Mount Palomar, California. One of the adults was observed carrying a decapitated woodrat (Neotoma fuscipes) to its young.

500. Stephens, Frank. 1902. OWL NOTES FROM SOUTHERN CALIFORNIA. Condor 4:40.

The author collected an adult female Spotted Owl and one fledged owlet at 5,000 foot elevation from Smith Mountain, San Diego County.

501. Stirling, David. 1973. A REPORT ON SOME RARE AND ENDANGERED SPECIES IN BRITISH COLUMBIA. Unpublished Report, British Columbia Federation of Naturalists, Vancouver. 16 pages.

The Spotted Owl was listed as a species of concern in British Columbia.

502. Stirling, David and Jim Woodford. 1975. WHERE TO GO BIRDWATCHING IN CANADA. Hancock House Publishers, Saanichton, British Columbia.

The Spotted Owl was listed as a rare resident of British Columbia.

503. Sumner, Lowell and Joseph S. Dixon. 1953. BIRDS AND MAMMALS OF THE SIERRA NEVADA, University of California Press, Berkeley. 484 p.

Listed a number of records of Spotted Owls and discussed habitat and food.

504. Swarth, Harry S. 1904. BIRDS OF THE HUACHUCA MOUNTAINS, ARIZONA. Pacific Coast Avifauna No. 4:8.

Suggested that there were one or two Spotted Owls in every major canyon of the Huachuca Mountains.

505. Swarth, Harry S. 1908. SOME FALL MIGRATION NOTES FROM ARIZONA. Condor 10:107-116.

Reported that Spotted Owls were heard at several locations in the Huachuca Mountains, Arizona.

506. Swarth Harry S. 1910. TWO NEW OWLS FROM ARIZONA. University of California Publications in Zoology 7:1-8.

On the basis of a specimen collected in Cave Canyon in the Huachuca Mountains, the author advocated naming a new subspecies, Strix occidentalis huachucae. (The author was apparently not aware that Nelson (384) had already published a description of the pale southern race and had named it the Mexican Spotted Owl (Strix occidentalis lucidum) (later shortened to Strix occidentalis lucida).)

507. Swarth, Harry S. 1915. THE STATUS OF THE ARIZONA SPOTTED OWL. Condor 17:15-19.

Listed a number of specimens from Arizona and compared them with specimens from California. (The author apparently still did not know that Spotted Owls had been collected in Mexico (506).)

508. Tate, James. 1981. THE BLUE LIST FOR 1981. American Birds 35(1):3-10.

The Spotted Owl was listed as a species of concern because of its apparent sensitivity to habitat loss.

509. Taverner, P.A. 1926. BIRDS OF WESTERN CANADA. Victoria Memorial Museum Bulletin No. 41 (Biological Series No. 10), Ottawa. 380 pages.

General remarks about biology and distribution of Spotted Owls.

510. Taverner, P.A. 1927. SOME RECENT CANADIAN RECORDS. Auk 44(2):217-228.

Listed several distribution records of Spotted Owls for British Columbia.

511. Taverner, P.A. 1949. BIRDS OF CANADA. Musson Book Co., Toronto, Ontario. 446 pages.

512. Taylor, Avery L. and Eric D. Forsman. 1976. RECENT RANGE EXTENSIONS OF THE BARRED OWL IN WESTERN NORTH AMERICA, INCLUDING THE FIRST RECORDS FOR OREGON. Condor 78:560-561.

Described the invasion of Barred Owls into areas traditionally occupied by Spotted Owls.

513. Taylor, Walter P. 1922. A DISTRIBUTIONAL AND ECOLOGICAL STUDY OF MOUNT RAINIER, WASHINGTON. Ecology 3:214-236.

The author stated that the Spotted Owl occurred at lower elevations in the park.

514. Taylor, Walter P. and W.T. Shaw. 1927. MAMMALS AND BIRDS OF MOUNT RAINIER NATIONAL PARK. United States Government Printing Office, Washington, D.C.

515. Thacker, B.M. and T.L. Thacker. 1923. EXTRACTS FROM NOTE-BOOK FOR LITTLE MOUNTAIN, HOPE, B.C. - YEAR 1922. Migrant 1(1):20-21.

Reported a Spotted Owl taken in a mammal trap in the Skagit Valley.

516. Thaxter, B.A. 1931. COLD WATER-LOVING OWLS. Yosemite Nature Notes 10:77-78.

Reported an adult and two young Spotted Owls that were seen drinking at Fern Spring, Yosemite National Park, California.

517. Thomas, Charlie. 1977. HABITAT MANAGEMENT FOR THE SPOTTED OWL. Oregon Birds 1:29-30.

Suggested that the harvest of old-growth forests in Oregon was causing a population decline of Spotted Owls and that protection of old-growth forests was required. Describes the management plan prescribed by the Oregon Endangered Species Task Force (397).

518. Thomas, Jack W. (editor). 1979. WILDLIFE HABITATS IN MANAGED FORESTS THE BLUE MOUNTAINS OF OREGON AND WASHINGTON. United States Department of Agriculture Forest Service Agriculture Handbook No. 553, Washington, D.C. 512 pages.

The Spotted Owl was listed as occurring in the Blue Mountains in appendices 3, 4, and 29. (This was an error; there are no records of the Spotted Owl in the Blue Mountains.)

519. Thurber, E.C. 1896. SOUTHERN CALIFORNIA BIRD NOTES. Auk 13:265.

Reported specimens of Spotted Owls taken from Little Tejunga Canyon, Banning, and Pasadena.

520. Tivel, Tracey M. (editor). 1978. SPECIES OF SPECIAL INTEREST IN THE STATE OF WASHINGTON. Washington Department of Game Report, Olympia.

The Spotted Owl was listed as a species of special interest and concern in Washington state.

521. Tivel, T.M. and J. Adkins. 1981. A FIELD GUIDE TO BIRD WATCHING IN SKAGIT COUNTY. Washington Department of Game, Olympia, Washington.

Listed the Spotted Owl as a bird of Skagit County.

522. Troelstrup, Glenn. 1975. WHOOO CAME TO SIT OUTSIDE MARCEE'S WINDOW. Denver Post, 10 June 1975, Colorado.

Reported a Spotted Owl sighting at the Rocky Mountain Arsenal, Colorado which was verified by a photograph.

523. Tweit-Harrington, Bill, Philip W. Mattocks and Eugene S. Hunn. 1978. THE NESTING SEASON: NORTHERN PACIFIC COAST REGION. American Birds 32(6):1199-1203.

524. Tweit-Harrington, Bill, Philip W. Mattocks and Eugene S. Hunn. 1981. THE NESTING SEASON: NORTHERN PACIFIC COAST REGION. American Birds 35(6):970-973.

525. Tyler, Hamilton A. and Don Phillips. 1978. OWLS BY DAY AND NIGHT. Nature-graph Publishers, Happy Camp, California. 208 pages.

A detailed literature review of the biology and management of the Spotted Owl was presented .

526. Tyler, John G. 1909. SOME NOTES FROM FRESNO COUNTY, CALIFORNIA. Condor 11:81-84.

Reported a Spotted Owl observed in a canyon east of Clovis.

527. Tyler, John G. 1913. SOME BIRDS OF THE FRESNO DISTRICT, CALIFORNIA. Pacific Coast Avifauna 9:49.

Reported the same record as Tyler (526).

528. Udvardy, Miklos, D.F. 1977. THE AUDUBON SOCIETY FIELD GUIDE TO NORTH AMERICAN BIRDS: WESTERN REGION. Alfred A. Knopf, New York. 854 pages.

A general account was presented of the Spotted Owl occurrence in western North America. The author suggested the cutting of roads through forests and encroachment by Great Horned Owls (Bubo virginionus) may be responsible for the disappearance of the Spotted Owl in much of the west.

529. United States Bureau of Land Management. 1980. TIMBER MANAGEMENT ENVIRONMENTAL IMPACT STATEMENT, SUSTAINED YIELD UNIT 13. United States Bureau of Land Management, Ukiah, California. 234 pages.

530. United States Bureau of Land Management. 1981. NATIONAL RAPTOR MANAGEMENT AND COORDINATION TEAM. A PROPOSAL. United States Bureau of Land Management, Sacramento, California. 24 pages.

531. United States Bureau of Land Management. 1982. SOUTH COAST-CURRY TIMBER MANAGEMENT PLAN. PROPOSED DECISION. United States Bureau of Land Management, Coos Bay, Oregon. 38 pages.

532. United States Bureau of Land Management. 1982. ROSEBURG TIMBER MANAGEMENT ENVIRONMENTAL IMPACT STATEMENT. Unpublished Report. United States Bureau of Land Management, Portland, Oregon. 157 pages.

533. United States Bureau of Sport Fisheries and Wildlife. 1973. THREATENED WILDLIFE OF THE UNITED STATES. United States Department of Interior Resource Publication No. 114, Washington, D.C.

534. United States Fish and Wildlife Service. 1973. THREATENED WILDLIFE OF THE UNITED STATES. United States Department of the Interior Fish and Wildlife Service Resource Publication No. 114, Washington, D.C. 289 pages.

The Spotted Owl was listed as "threatened". (The Fish and Wildlife Service definition of "threatened" was later changed and the Spotted Owl was deleted from the official list of threatened species.)

535. United States Fish and Wildlife Service. 1982. SENSITIVE BIRD SPECIES, REGION ONE. Unpublished Report, United States Fish and Wildlife Service, Portland, Oregon. 18 pages.

536. United States Fish and Wildlife Service. 1982. THE NORTHERN SPOTTED OWL: A STATUS REVIEW. United States Department of the Interior Fish and Wildlife Service, Portland, Oregon. 29 pages.

A detailed review was presented of the biology, distribution, and management of the Spotted Owl.

537. United States Forest Service. 1981. SPOTTED OWL - LAND MANAGEMENT PLANNING STANDARDS AND GUIDELINES. Unpublished Report, United States Forest Service, San Franciso, California. 14 pages.

538. United States Forest Service. 1981. PACIFIC SOUTHWEST REGION REGIONAL PLAN - DRAFT ENVIRONMENTAL IMPACT STATEMENT. Unpublished Report, United States Forest Service, San Franciso, California. 162 pages.

539. United States National Park Service. 1937. CHECK-LIST OF THE BIRDS OF THE NATIONAL PARKS. United States Department of the Interior National Park Service, Washington, D.C.

Listed sightings of Spotted Owls in Grand Canyon, Lassen, Mount Rainier, Sequoia, and Yosemite National Parks. (Consisted of a mimeoed report with each park check-list numbered separately.)

540. Van Rossem, A.J. 1927. EYESHINE IN BIRDS, WITH NOTES ON THE FEEDING HABITS OF SOME GOATSUCKERS. Condor 29:25-28.

Reported that the eyes of Spotted Owls do not glow when illuminated at night. (This is not correct - Spotted Owls have ruby red eyeshine.)

541. Van Rossem, A.J. 1932. MINUTES OF THE COOPER CLUB MEETINGS (SOUTHERN DIVISION). Condor 34:60.

Reported that Spotted Owls can be located by eyeshine at night.

542. Van Rossem, A.J. 1936. NOTES ON BIRDS IN RELATION TO FAUNAL AREAS OF SOUTH-CENTRAL ARIZONA. Transactions of the San Diego Society Natural History 8:121-148.

Reported several Spotted Owls observed in the Santa Rita Mountains.

543. Verner, Jared. 1980. BIRD COMMUNITIES OF MIXED-CONIFER FORESTS OF THE SIERRA NEVADA. PAGES 198-223 in R.M. DeGraff, editor. Workshop Proceedings Management of Western Forests and Grasslands for Nongame birds. United States Department of Agriculture Forest Service General Technical Report INT-86, Ogden, Utah.

The Spotted Owl was noted in eight habitat stages in the mixed-coniferous forests of the Sierra Nevada in California. Habitat stages were coded as optimal, suitable and marginal.

544. Verner, Jared, Edward C. Beedy, Stephen L. Granholm, Lyman V. Ritter and Edward F. Toth. 1980. BIRDS. Pages 75-319 in Jared Verner, editor. California Wildlife and Their Habitats: Western sierra Nevada. United States Department of Agriculture Forest Service Pacific Southwest Forest and Range Experiment Station General Technical Report PSW-37, Berkeley, California.

Provided a range map of the Spotted Owl in the western sierra Nevada Mountains and briefly described the habitat and biology of the species.

545. Visher, S.S. 1910. NOTES ON THE BIRDS OF PIMA COUNTY, ARIZONA. Auk 27:279-288.

Reported that Spotted Owls nested "rather plentifully" in the pine zone of the Catalina Mountains.

546. Wagner, Frank. 1976. REPORT ON THE 1976 SPOTTED OWL SURVEY. United States Bureau of Land Management, Eugene District, Oregon.

547. Wagner, Phillip W. 1977. RAPTORS INHABITING BROWN'S PARK AND THE FLAMING GORGE NATIONAL RECREATION AREA. Unpublished Report, Utah Division of Wildlife Resources, Salt Lake City. 77 pages.

548. Wagner, Phillip W. 1980. RAPTOR HABITAT RELATIONSHIPS. Unpublished Report, Utah Division of Wildlife Resources, Salt Lake City. 28 pages.

549. Wagner, Phillip W., Carl D. Marti and Thomas C. Boner. 1982. FOOD OF THE SPOTTED OWL IN UTAH. Raptor Research 16(1):27-28.

A report on the diet of Spotted Owls in Capitol Reef National Park based on a sample of 105 prey items. Woodrats comprised 72.4 percent of the diet.

550. Wahl, Terence R. and Dennis R. Paulson. 1972. GUIDE TO BIRD FINDING IN WASHINGTON. Whatcom Museum of History and Art, Bellingham, Washington. 95 pages.

Listed Spotted Owl as resident in wet coniferous forest habitat in Washington.

551. Walker, Lewis W. 1974. THE BOOK OF OWLS. Alfred A. Knopf, New York. 255 pages.

Included a chapter on the Spotted Owl by Grace Miller (369).

552. Wauer, Roland H. and Dennis L. Carter. 1965. BIRDS OF ZION NATIONAL PARK AND VICINITY. Zion Natural History Association, Sprindale, Utah. 92 pages.

Reported several sightings of Spotted Owls.

553. Weber, Wayne, C. 1980. A PROPOSED LIST OF RARE AND ENDANGERED BIRD SPECIES FOR BRITISH COLUMBIA. Pages 160-182 in R. Stace-Smith, L. Johns and P. Joslin, editors. Threatened and Endangered Species and Habitats in British Columbia and the Yukon. British Columbia Ministry of Environment Fish and Wildlife Branch, Victoria.

The author suggested that the Spotted Owl may be extirpated in British Columbia as there have been no reliable records since the early 1970's.

554. West, C. 1976. WILDLIFE OF THE OKANAGON NATIONAL FOREST: HABITAT REQUIREMENTS AND MANAGEMENT GUIDELINES. Okanagon National Forest, Okanagon, Washington.

555. Wetherill, Milton A. and Alan R. Phillips. 1949. BIRD RECORDS FROM THE NAVAJO COUNTRY. Condor 51:100-102.

Reported a specimen of a Spotted Owl taken from Manuelito, New Mexico, and another from Lupton, Arizona.

556. Wetmore, Alexander. 1911. UNPUBLISHED FIELD NOTES. United States Department of the Interior Fish and Wildlife Service Patuxent Wildlife Research Center, Laurel, Maryland.

Reported three Spotted Owls collected near Lake Washington, Washington State; all three specimens had chipmunk parts in their stomachs. (It is thought that the "chipmunk" bones were actually bones of flying squirrels.)

557. Wetmore, Alexander. 1965. WATER, PREY AND GAME BIRDS OF NORTH AMERICA. National Geographic Society, Washington, D.C. 464 pages.

A brief species account of the Spotted Owl was presented.

558. Weydemeyer, Winton. 1927. SOME NEW BIRDS FROM WESTERN MONTANA. Condor 29:159.

Reported a sighting of the Spotted Owl in Montana. (The owl observed was probably a Barred owl, not a Spotted Owl, as suggested by Wright (583).)

559. Whisler, Sharon and Doris Horn. 1977. AN INVESTIGATION INTO THE OCCURRENCE AND HABITS OF NORTHERN SPOTTED OWLS (Strix occidentalis caurina) IN THE UKIAH DISTRICT, BLM, APRIL-JUNE 1977. Unpublished Report, United States Forest Service, Ukiah District. 16 pages.

Field notes were recorded on the habitat, behaviour, and vocalizations of five pairs of Spotted Owls. Data on food habits and allopreening were presented.

560. Whitney, Stephen R. 1983. A FIELD GUIDE TO THE CASCADES AND OLYMPICS. The Mountaineers, Seattle, Washington. 73 pages.

Listed the Spotted Owl as a resident of the Cascade and Olympic Mountains.

561. Wicks, M.L. 1895. THE SPOTTED OWL. Avifauna 1:4.

Reported a nest from Santa Fe Springs, California.

562. Wight, Howard M. 1974. NONGAME WILDLIFE AND FOREST MANAGEMENT. Pages 27-38 In H.C. Black, editor. Proceedings of the symposium on forest management in the Pacific Northwest. Oregon State University School of Forestry, Corvallis, Oregon.

The author listed the Spotted Owl as being restricted to old-growth and mature forests in the Pacific Northwest.

563. Wilder, H.E. 1916. SOME DISTRIBUTIONAL NOTES ON CALIFORNIA BIRDS. Condor 18:127-128.

Reported several records of Spotted Owls from northern California.

564. Willet, George. 1912. BIRDS OF THE PACIFIC SLOPE OF SOUTHERN CALIFORNIA. Pacific Coast Avifauna 7:51.

Listed many records of Spotted Owls for the area.

565. Willet, George. 1933. A REVISED LIST OF THE BIRDS OF SOUTHWESTERN CALIFORNIA. Pacific Coast Avifauna 21:90.

Updated an earlier paper (564) on the distribution of Spotted Owls in southern California.

566. Williams, M. 1977. UTILIZATION OF CLEAR-CUT AREAS BY OWLS ON THE GASQUET DISTRICT, SIX RIVERS NATIONAL FOREST. Unpublished Report, United States Department of Agriculture Forest Service Six Rivers National Forest, Eureka, California. 16 pages.

567. Winter, Jon and Dick Erickson. 1976. THE NESTING SEASON: MIDDLE PACIFIC COAST REGION. American Birds 30(5):996-1001.

568. Winter, Jon and Dick Erickson. 1977. THE WINTER SEASON: MIDDLE PACIFIC COAST REGION. American Birds 31(3):367-372.

569. Winter, Jon and Stephen A. Laymon. 1979. THE WINTER SEASON: MIDDLE PACIFIC COAST REGION. American Birds 33(3):309-311.

570. Winter, Jon and Tim Manolis. 1978. THE SPRING MIGRATION: MIDDLE PACIFIC COAST REGION. American Birds 32(5):1049-1053.

571. Winter, Jon and Joseph Morlan. 1977. THE SPRING MIGRATION: MIDDLE PACIFIC COAST REGION. American Birds 31(5):1041-1045.

572. Winter, Jon and Joseph Morlan. 1977. THE NESTING SEASON: MIDDLE PACIFIC COAST REGION. American Birds 31(6):1183-1188.

573. Wischnofske, M.G. 1977. BIRDS OF WENATCHEE NATIONAL FOREST. United States Forest Service Report, Wenatchee, Washington.

574. Wischnofske, M.G. 1978. GUIDE TO WILDLIFE HABITAT RELATIONSHIPS. United States Forest Service Report, Wenatchee, Washington.

575. Witzeman, Janet. 1983. THE SPRING MIGRATION: SOUTHWEST REGION. American Birds 37(5):898-901.

576. Witzeman, Janet, John P. Hubbard and Kenn Kaufman. 1975. THE SPRING MIGRATION: SOUTHWEST REGION. American Birds 29(4):890-894.

577. Witzeman, Janet, John P. Hubbard and Kenn Kaufman. 1976. THE SPRING MIGRATION: SOUTHWEST REGION. American Birds 30(4):872-876.

578. Witzeman, Janet, John P. Hubbard and Kenn Kaufman. 1976. THE NESTING SEASON: SOUTHWEST REGION. American Birds 30(5):985-990.

579. Witzeman, Janet, John P. Hubbard and Kenn Kaufman. 1978. THE AUTUMN MIGRATION: SOUTHWEST REGION. American Birds 32(2):239-243.

580. Witzeman, Janet, John P. Hubbard and Kenn Kaufman. 1979. THE NESTING SEASON: SOUTHWEST REGION. American Birds 33(6):886-889.

581. Woodbury, Angus M. 1929. BIRD RECORDS FROM UTAH AND ARIZONA. Condor 41:157-163.

Reported one specimen taken and a questionable sighting of Spotted Owls from Navajo Mountain, Utah.

582. Woodbury, Angus M. and Henry N. Russell. 1945. BIRDS OF THE NAVAJO COUNTRY. University of Utah Biological Series 9:58.

Reported the same specimen and sighting of Spotted Owls as Woodbury (581). Habitat was pine-oak woodland.

583. Wright, Philip L. 1977. FURTHER BIRD RECORDS FROM WESTERN MONTANA. Condor 78:418-420.

Reported that an earlier record of a Spotted Owl in Montana (241) was an error. The bird observed was a Barred Owl, not a Spotted Owl.

584. Xantus, J. 1859. CATALOGUE OF BIRDS COLLECTED IN THE VICINITY OF FORT TEJOY, CALIFORNIA WITH A DESCRIPTION OF A NEW SPECIES OF Syrnium. Proceedings Philadelphia Academy Natural Sciences 1859.

Described the type specimen of the Spotted Owl.

585. Yocum, Charles and Ray Dasmann. 1957. THE PACIFIC COASTAL WILDLIFE REGION. Nature-graph Co., Healdsburg, California. 120 pages.

Briefly mentioned the Spotted Owl as occurring in the coastal area of the Pacific region of North America.

586. Zarn, Mark. 1974. SPOTTED OWL (Strix occidentalis). Habitat Management for Endangered Species Series, Report No. 10. United States Department of the Interior Bureau of Land Management, Denver, Colorado. 22 pages.

A general review was presented on the biology, food habits, distribution, habitat and management. (This review repeated some of the

questionable assumptions made in earlier papers, for example; Spotted Owls were thought to build their own nests. It also presents some erroneous information: such as the author stated that young Spotted Owls leave the nest when only a week old and that males and females probably share incubation duties; to our knowledge, there are no data supporting these statements.)

SUBJECT CATEGORIES

1. AGE/SEX RATIO
2. AMERICAN BIRDS
3. BANDING/MARKING
4. B.C. NEST RECORDS SCHEME
5. BEHAVIOUR
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S. Haeussler, J. Pojar, B.M. Geisler, D. Yole, and R.M. Annas. 1984. A Guide to the Coastal Western Hemlock Zone, Northern Drier Maritime Subzone (CWHf), in the Prince Rupert Forest Region, British Columbia. Land Mgmt. Report No. 21. 172 p. plus 2 maps.

This guide briefly outlines the principles and methods of the Ministry of Forests biogeoclimatic classification system, stressing the two primary areas of emphasis within the classification, the biogeoclimatic (zones, subzones, variants), and the ecosystematic (ecosystem associations and their phases and variations). It summarizes the environmental characteristics of the Northern drier maritime subzone of the Coastal Western Hemlock Zone (CWHf) and two of its variants, a lower (CWHf1) and a higher elevation (CWHf2) variant. The classification of the subzone at the ecosystematic level is then presented in detail.

D.V. Meidinger, G.D. Hope, and A.J. McLeod. 1984. Classification and Interpretation of Some Ecosystems of the Rocky Mountain Trench, Prince George Forest Region, British Columbia. First Approximation. Land Mgmt. Report No. 22. 308 p. plus 2 maps.

This manual includes a brief description of the ecosystem classification system; a general introduction to the vegetation, soils, and climate of the study area; a characterization of the biogeoclimatic zones and subzones of the area; detailed descriptions of the ecosystem units; and selected management interpretations for these units. The study area is primarily located in the Rocky Mountain Trench and in some low elevation side-valleys of the Rocky and Columbia Mountains, between Purden Lake in the northwest and Mica Creek in the southeast.

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Victoria, 1985